

ROOFING TILE

A Detailed Reference
for Architects' Use

Compliments

LUDOWICI-CELADON COMPANY
Chicago, Illinois

5819

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HORACE WHITE,
TILE ROOFING

848 HOWARD AVE. PHONE MAIN 2771
NEW ORLEANS, LA.

EDMUND B. MASON,
ARCHITECT

ROOFING TILE

*A Detailed Reference
for Architects' Use*

THIS BOOK IS AN ILLUSTRATED TECHNICAL
PRESENTATION OF VARIOUS FORMS OF
ROOFING TILE, TOGETHER WITH NECESSARY
DATA ON TILE ROOFING CONSTRUCTION



LUDOWICI-CELADON COMPANY OF CHICAGO

GENERAL OFFICES: MONROE BUILDING, CHICAGO, ILLINOIS

NEW YORK - - - - - Fifth Ave. Building
BOSTON - - - - - Old South Building
PHILADELPHIA - - - - - Weightman Building

WASHINGTON - - - - - Union Trust Building
PITTSBURG - - - - - Park Building
CLEVELAND - - - - - Hippodrome Building

KANSAS CITY - - - - - Grand Avenue Temple
MINNEAPOLIS - - - - - Plymouth Building
ST. LOUIS - - - - - Pierce Building

HORACE WHITE,
TILE ROOFING
848 HOWARD AVE. PHONE MAIN 2771
NEW ORLEANS, LA.

CCV 4058



TO ARCHITECTS AND ENGINEERS

The details of tile and metal treatments grouped in this book are necessarily limited to those covering methods of construction usually found in our work.

We solicit the opportunity during the preparation of your plans to suggest or detail tile treatments for special forms of construction, with a view of allowing the use of stock materials for decks, etc., and to eliminate the need for providing special tiles at an increased expense.

While an attempt has been made to have the proper trimmings, etc., in sequence following the tile pattern, some departure has been necessary and an index has been arranged to which we refer you.

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SUGGESTIONS FOR SPECIFICATIONS

All pitched roofs shall be covered with (*Insert name of Pattern of tile wanted*) Tiles, made by Ludowici-Celadon Company, with stock fittings suitable for each pattern as shown on the following pages; all hip and valley tile to be cut to proper angle (valley tile for roll patterns to be filled) before burning. The tiles as specified above must be of shale, hard burned, of red color, and in accordance with samples deposited in office of the Architects.

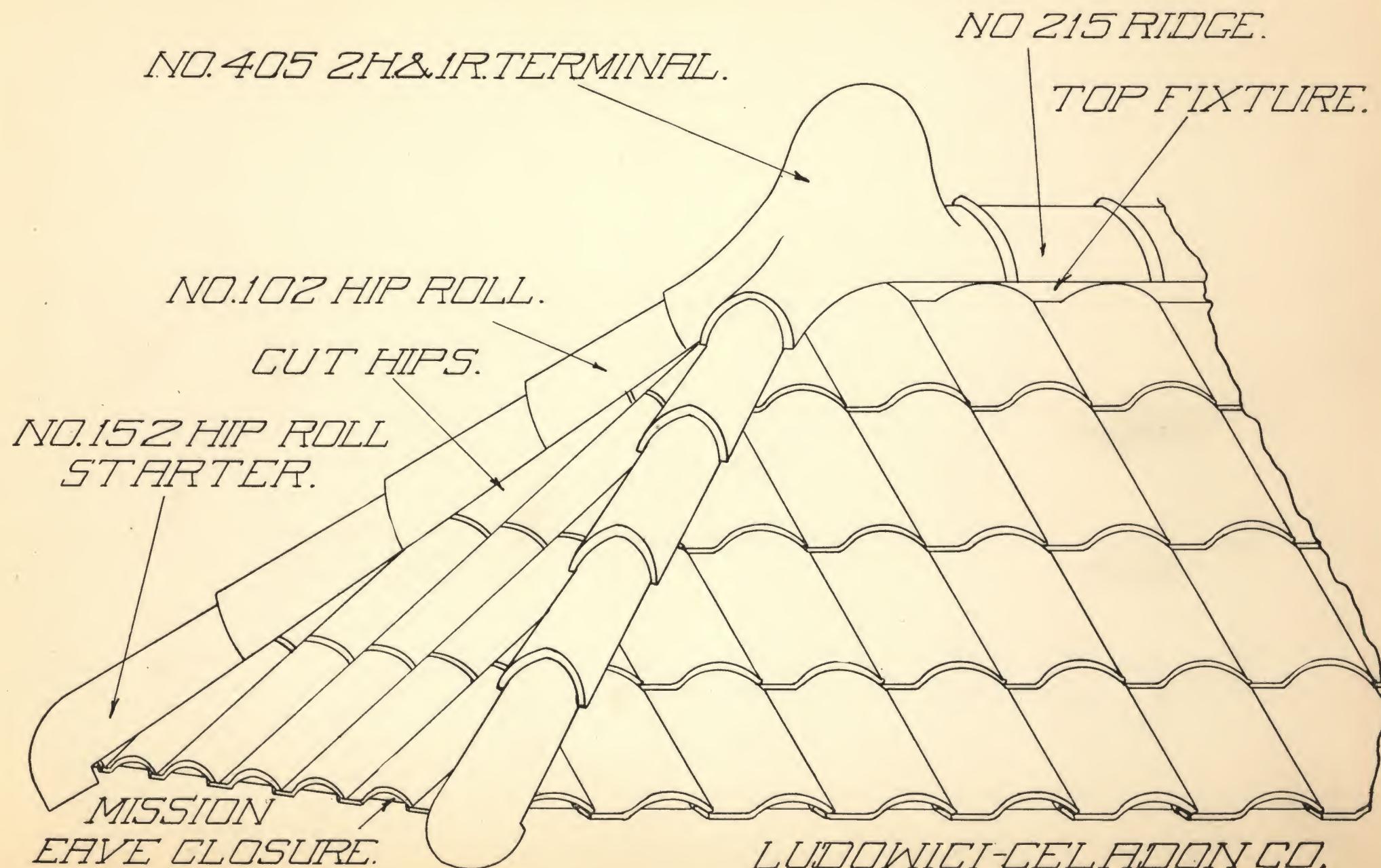
PREPARATION OF ROOF--Before roofer is sent for, the owner or general contractor shall construct roofs in strict accordance with plans, sheath roofs TIGHT, have all chimneys and walls above roof line completed, have all vent pipes through roofs, furnish all strips of required width used under hip rolls and ridging, furnish all $1 \times \frac{1}{8}$ inch cant strips used under tile at eaves (if required) and have all scaffolding ready for use of roofers. Metal contractor shall have all gutters in place on roof (gutters, whether box, hanging or secret, to extend over the roof sheathing and cant strip (if cant strip required) and extend under felt and tile at least eight (8") inches) and shall also have in place all valley metal, the width of which must be 24 inches (20 inches on short valleys where conditions are favorable), with both edges turned up $\frac{1}{4}$ " the entire length of valley. Valley metal must be laid over one layer of felt running lengthwise the entire distance of valley. Metal contractor must have in readiness all flashing metal used along side and in front of dormers, gables, skylights, towers, perpendicular walls, also around vent pipes and chimneys, and place same after arrival of tile roofer and in accordance with requirements of the tiles.

LAYING OF FELT--After roofs have been thus prepared to receive felt and tile, tile roofer shall cover sheathing of the roofs with one thickness of asphalt roofing felt, weighing not less than 30 pounds to the square, laying same with a $2\frac{1}{2}$ " lap and securing in place with capped nails. Felt shall be laid parallel with eaves and lapped over all valley metal about 4 inches, and laid under all flashing metal and turned up against all vertical walls 6 inches.

LAYING OF TILE--The roof having been thus prepared, tile roofer is to fasten tile with copper nails. Roofer shall see that tiles are well locked together and lay smoothly, and no attempt shall be made to stretch the courses. Tile must be laid so that the vertical lines are parallel with each other and at right angles to eaves.

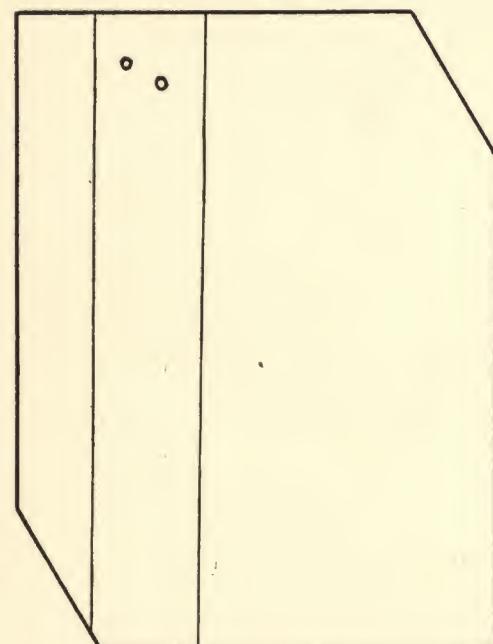
The tiles that verge along hips shall be fitted close against the hip board, and a water-tight joint made by cementing cut hip tile to hip board with good elastic cement. Each piece of hip roll shall then be nailed to hip board, and hip rolls cemented where they lap each other. The interior spaces of hip and ridge rolls must not be filled with pointing material.

SKETCH OF "IMPERIAL" SPANISH TILE SHOWN WITH
CUT HIPS, NO.102 HIP ROLL, NO152 HIP ROLL STARTERS,
NO 215 RIDGE AND NO.405 2H&1R TERMINAL.

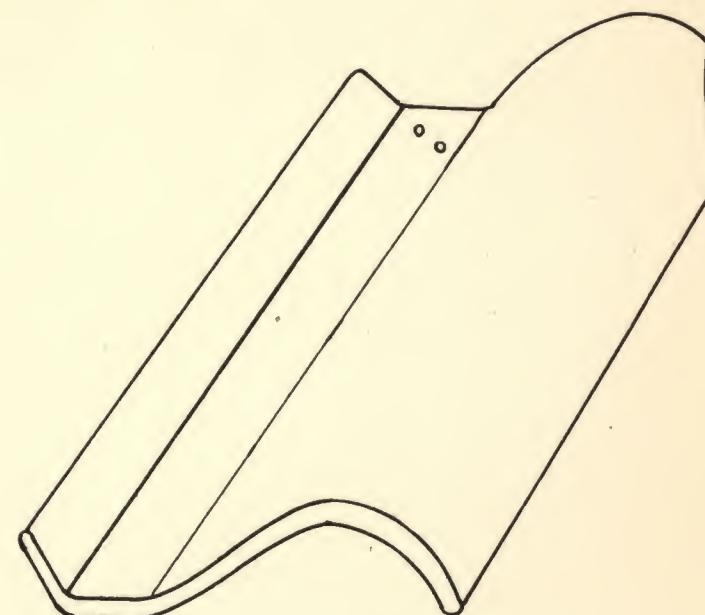




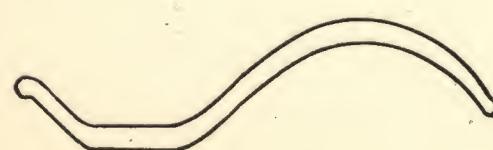
"IMPERIAL "SPANISH TILE"
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"



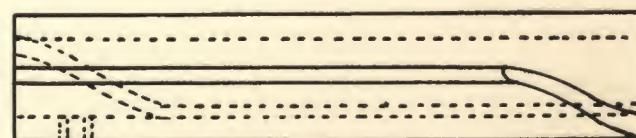
PLAN



SKETCH



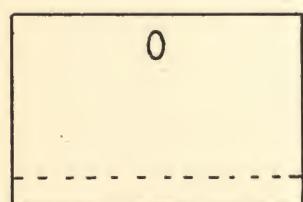
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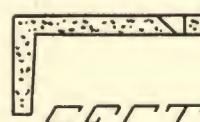
SIDE



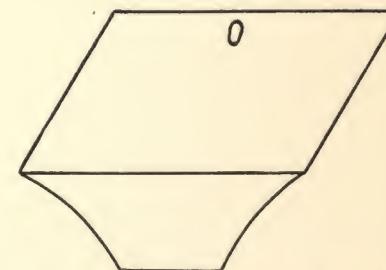
TOP FIXTURE
FOR
"IMPERIAL" SPANISH TILE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1-0"



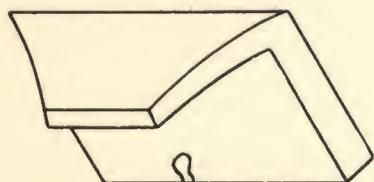
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SECTION



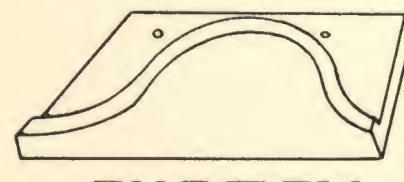
SKETCH LOOKING DOWN



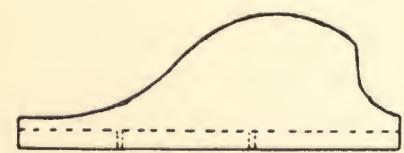
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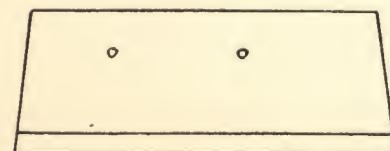
MISSION EAVE CLOSURE DETACHED GABLE RAKE
FOR
"IMPERIAL" SPANISH TILE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"



SKETCH



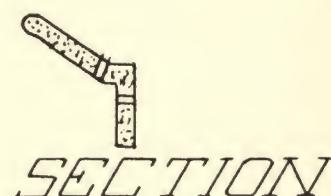
FRONT



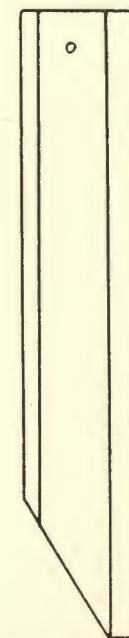
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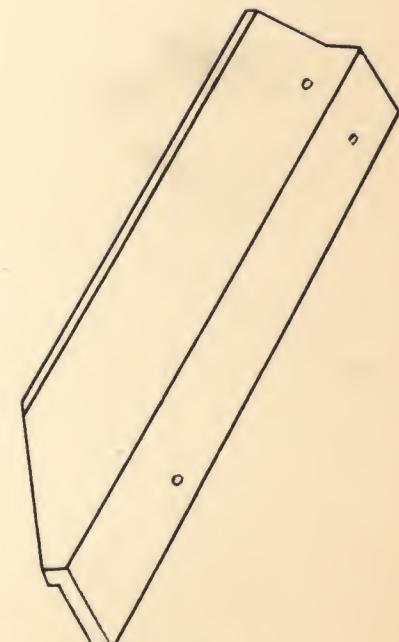
SECTION



SECTION



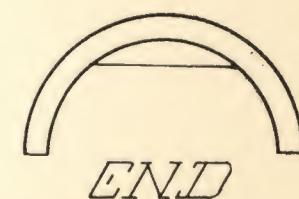
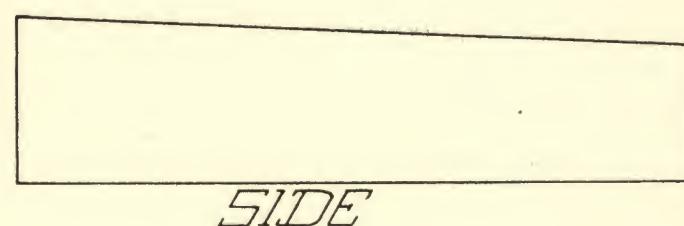
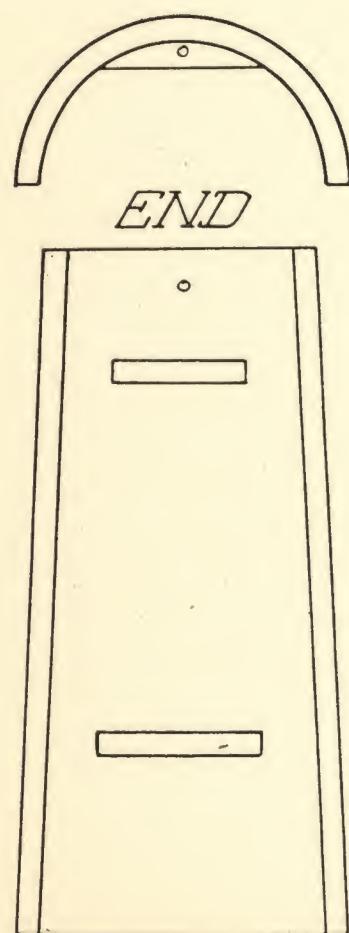
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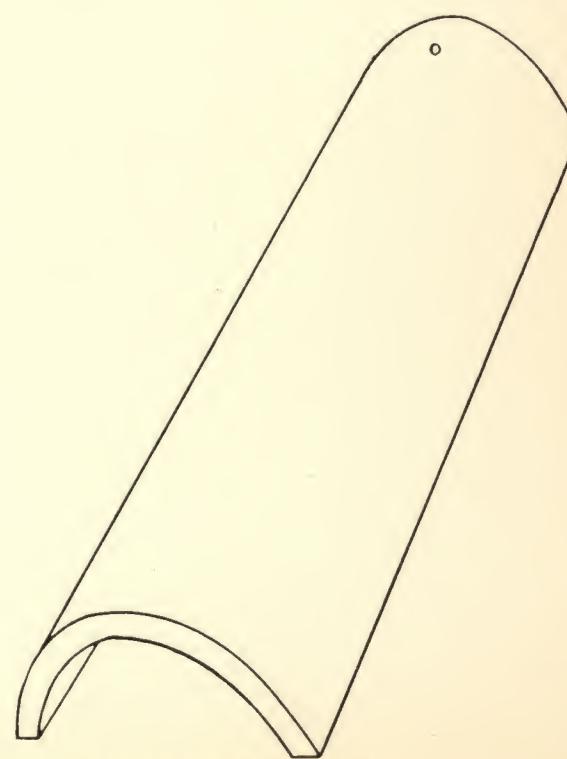
SKETCH



NO. 102 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



PLAN



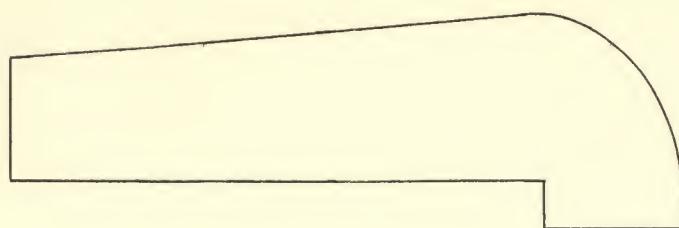
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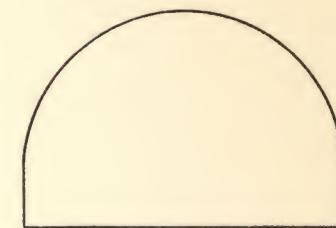
NO. 152 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."



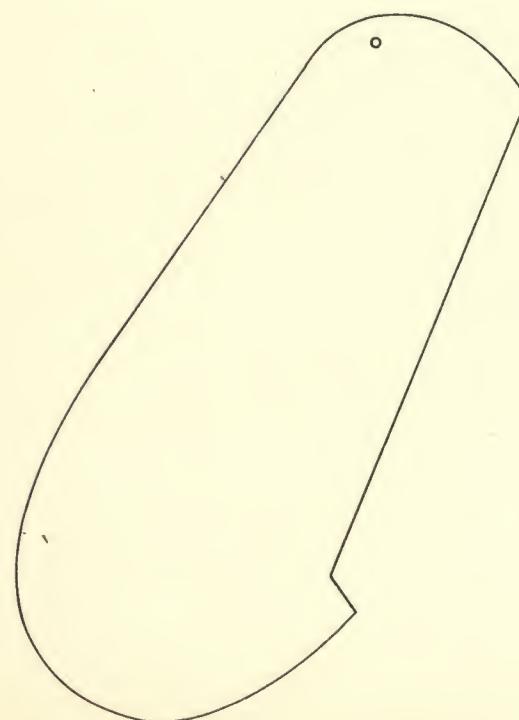
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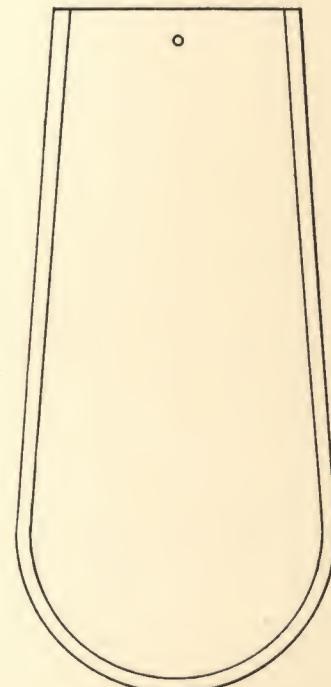
SIDE



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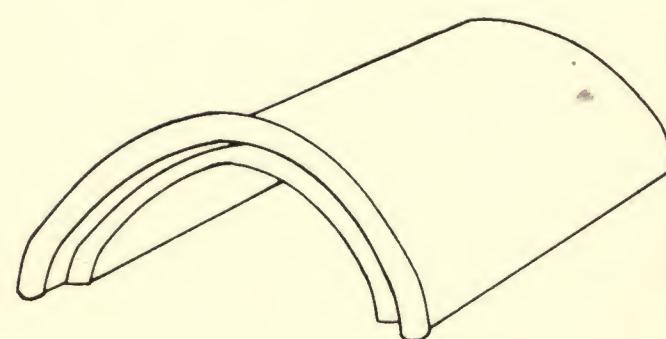
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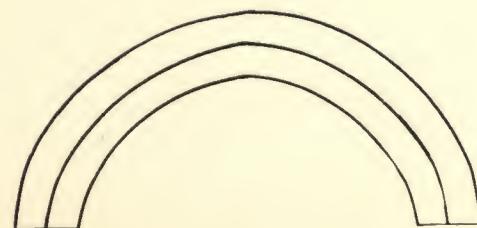
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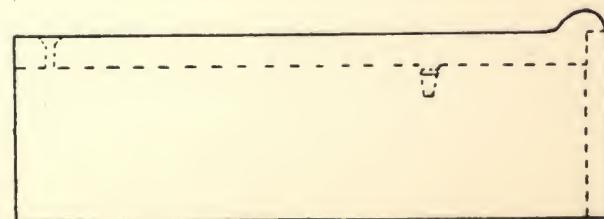
NO. 215 RIDGE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"



SKETCH



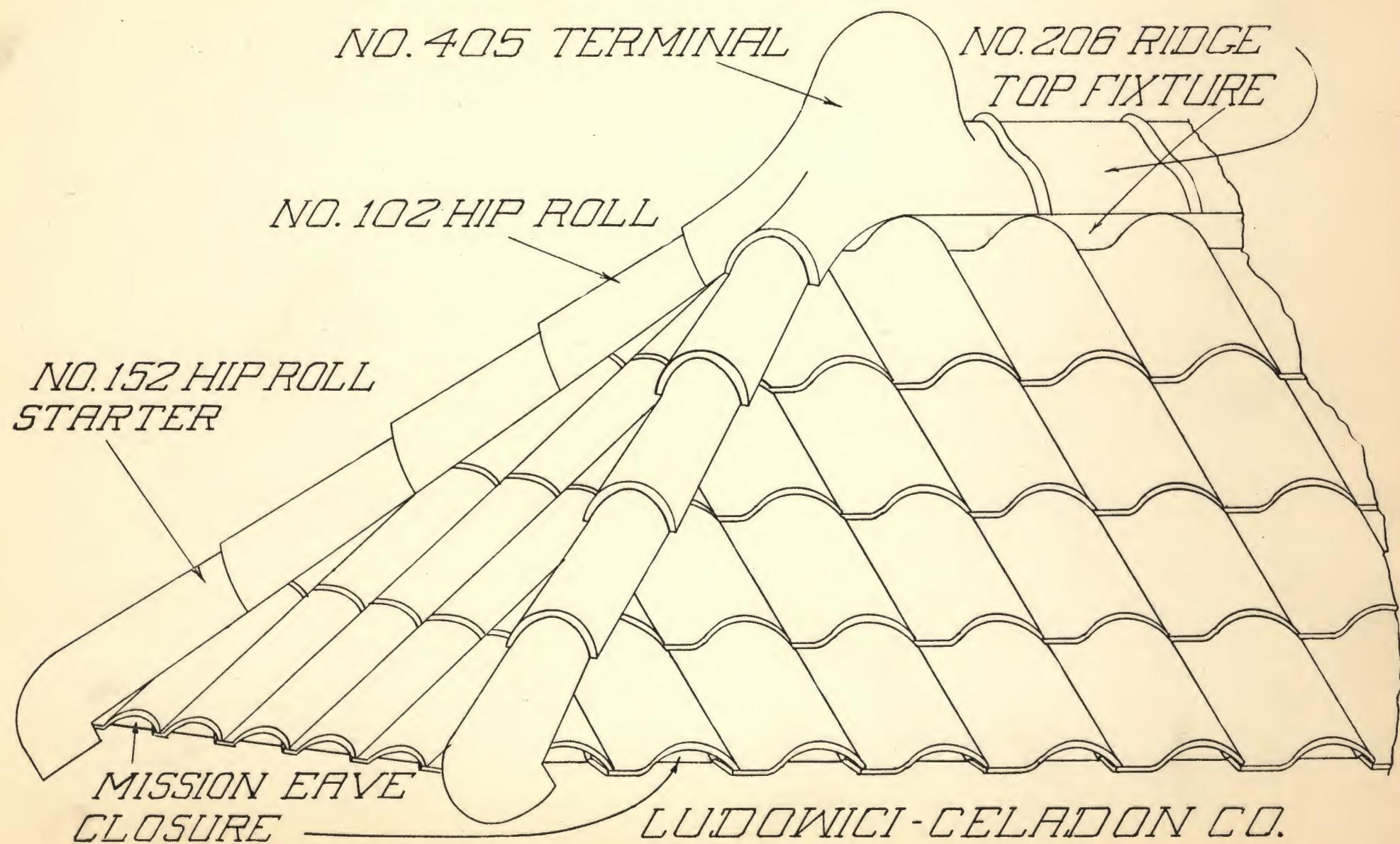
END VIEW



SIDE VIEW

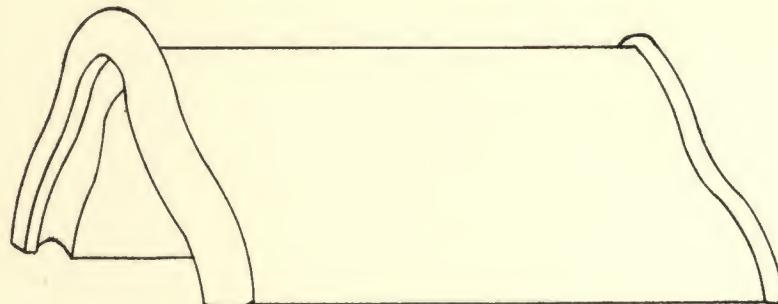


SKETCH OF "IMPERIAL" SPANISH TILE SHOWN WITH CUT HIPS,
NO. 102 HIP ROLL, NO. 152 HIP ROLL STARTERS, NO. 206
RIDGE AND NO. 405 2H&1R TERMINAL.

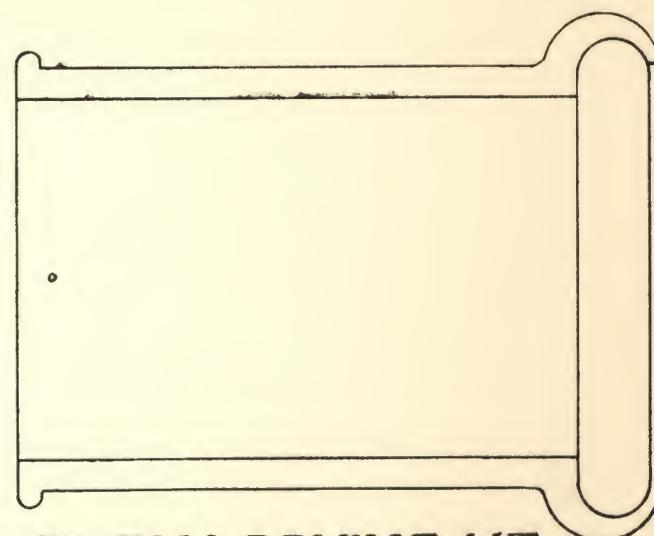




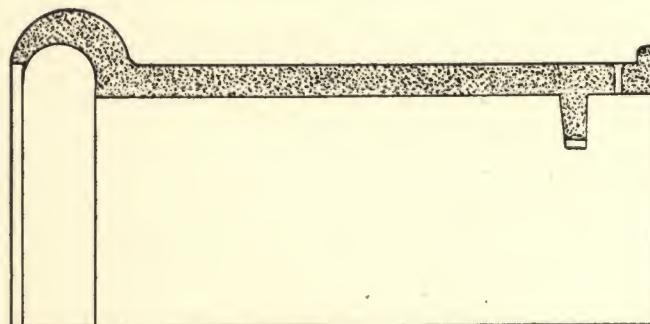
*NO. 206 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



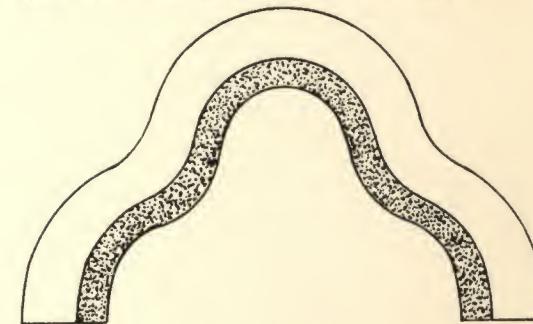
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PLAN LOOKING UP

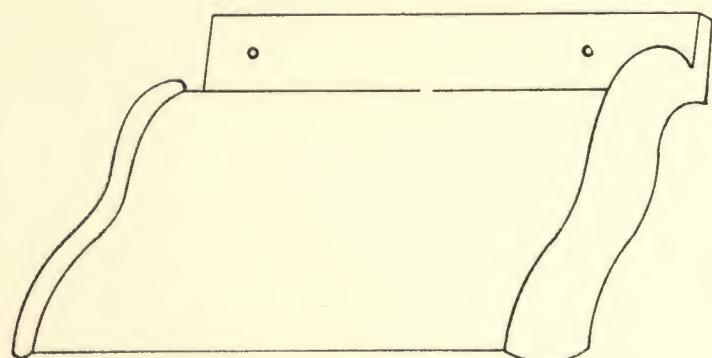


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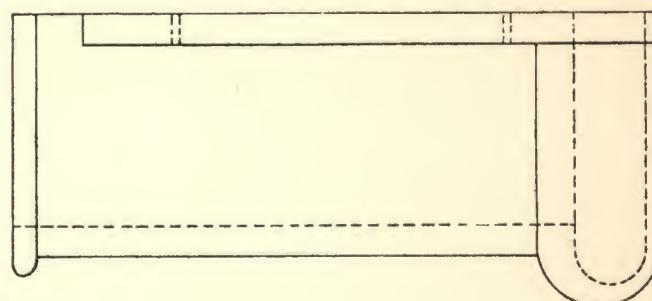


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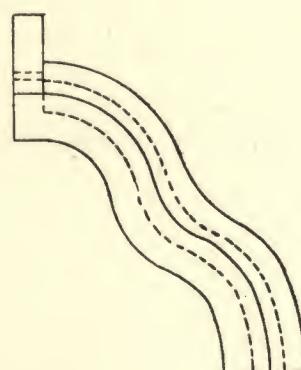
*NO. 206 DECK MOULD RAISED FLANGE
LUDOWICI-CELADEON CO.
SCALE 3" EQUAL 1'-0":*



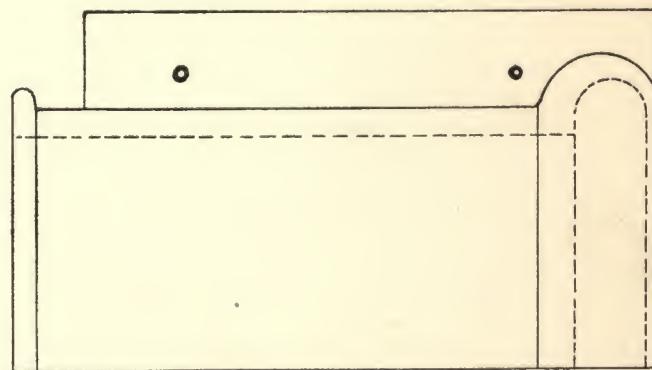
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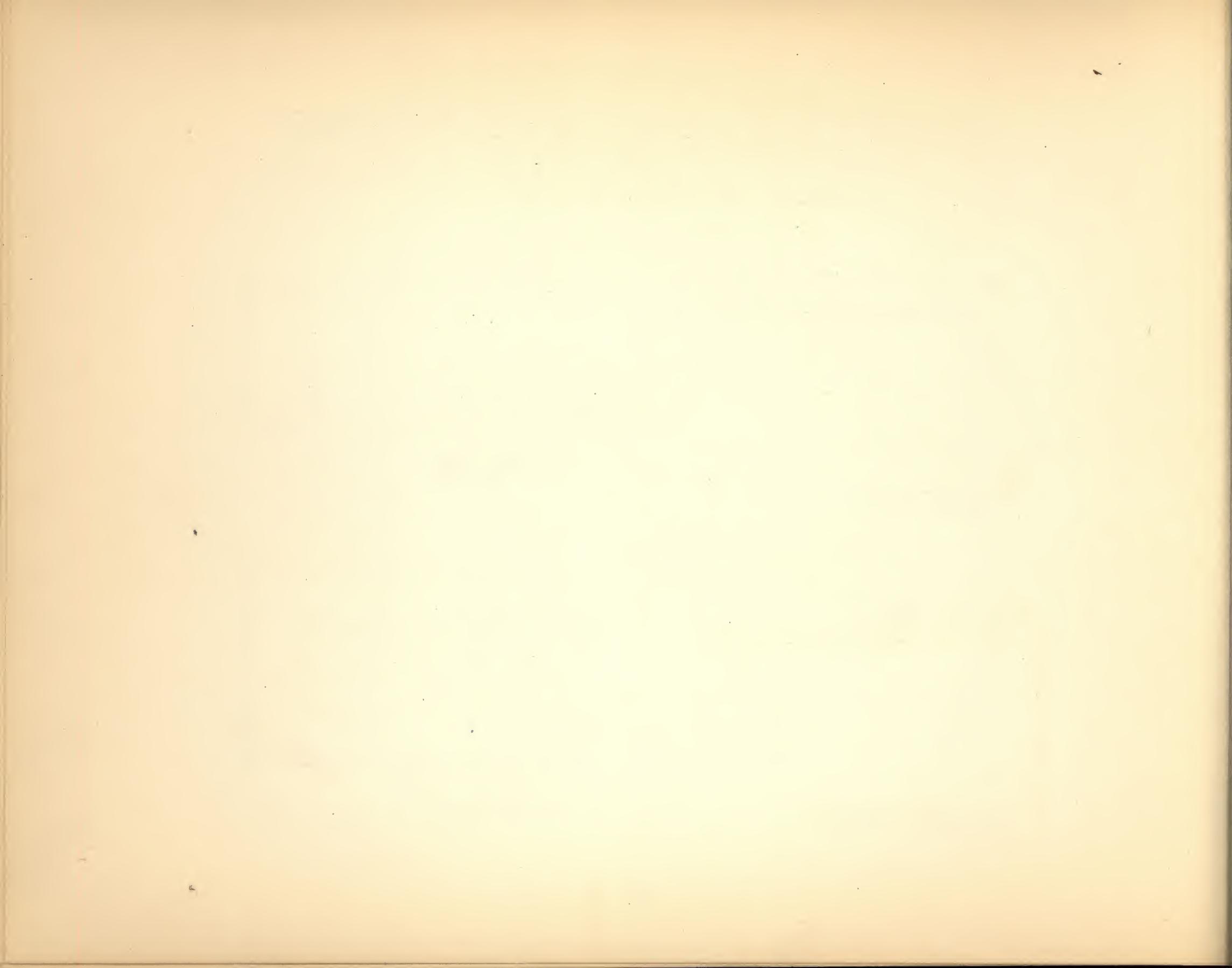
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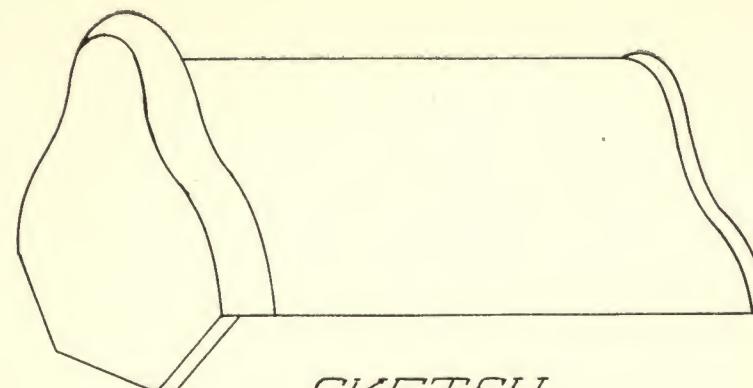
END VIEW



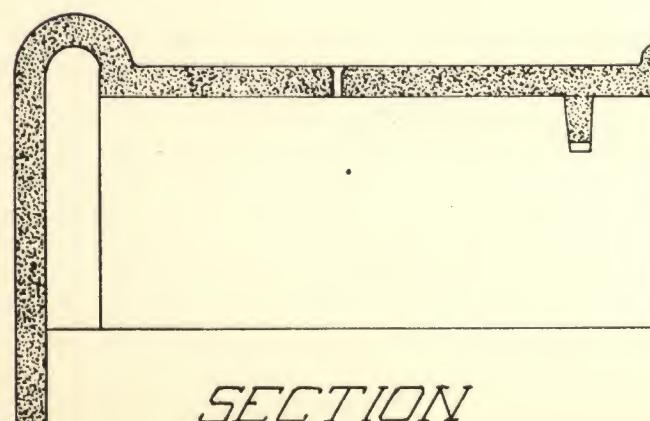
FRONT VIEW



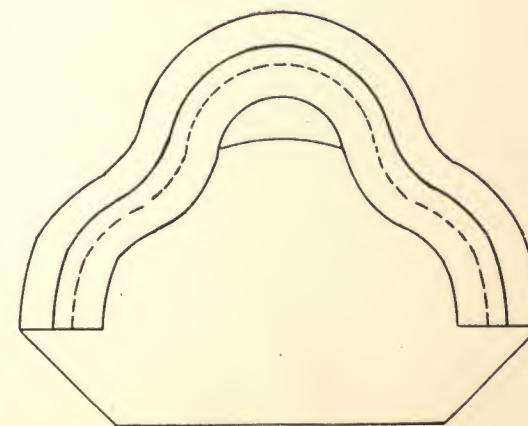
*NO 206 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



SKETCH



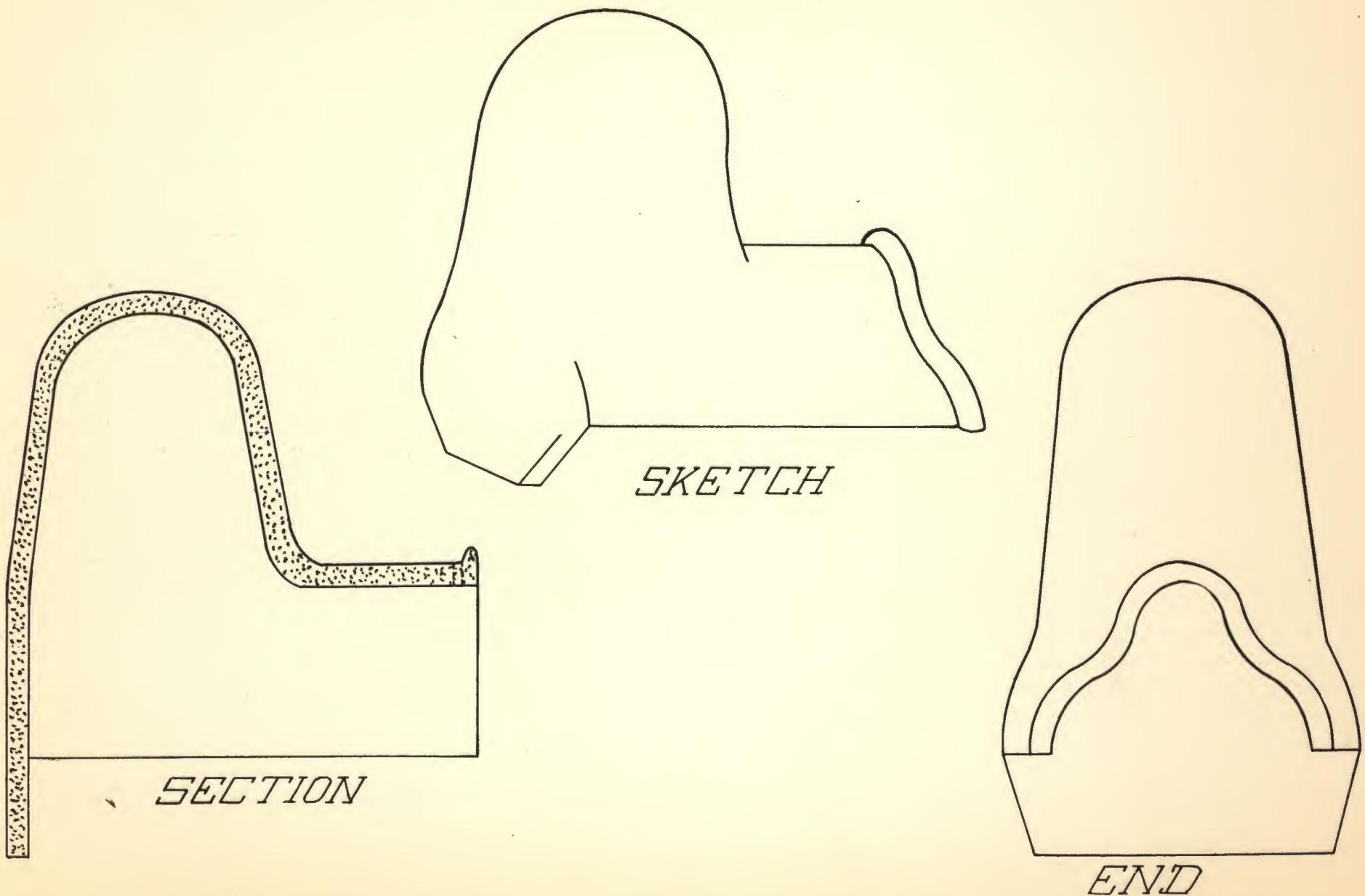
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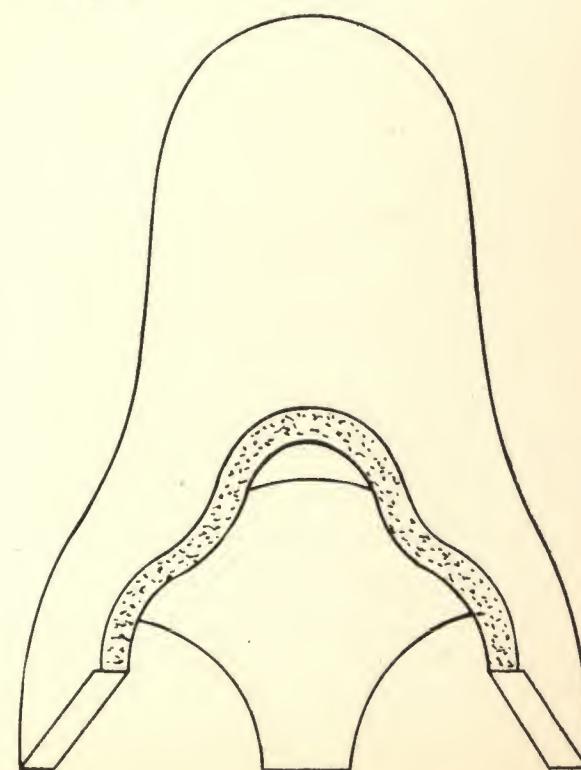
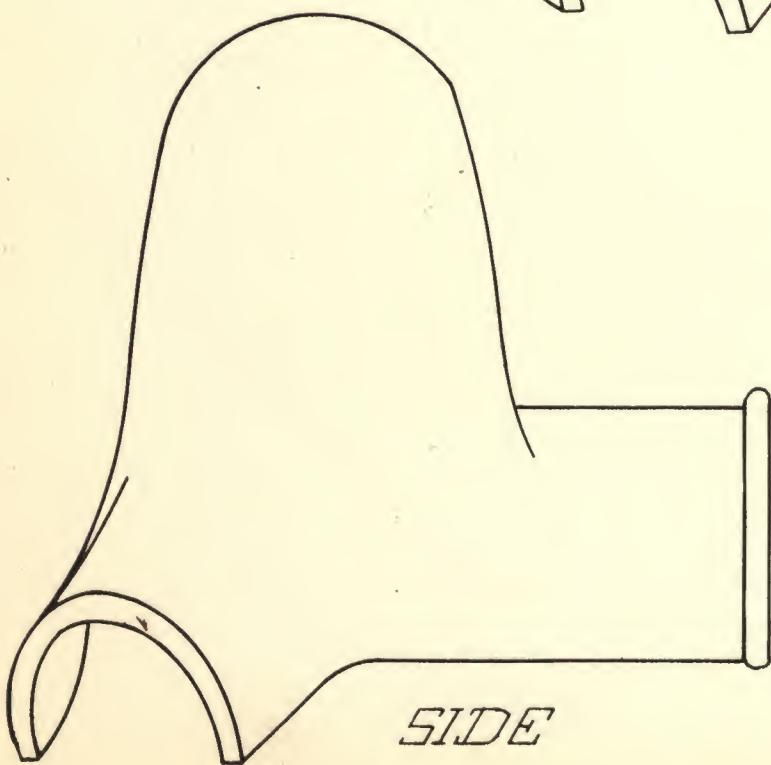
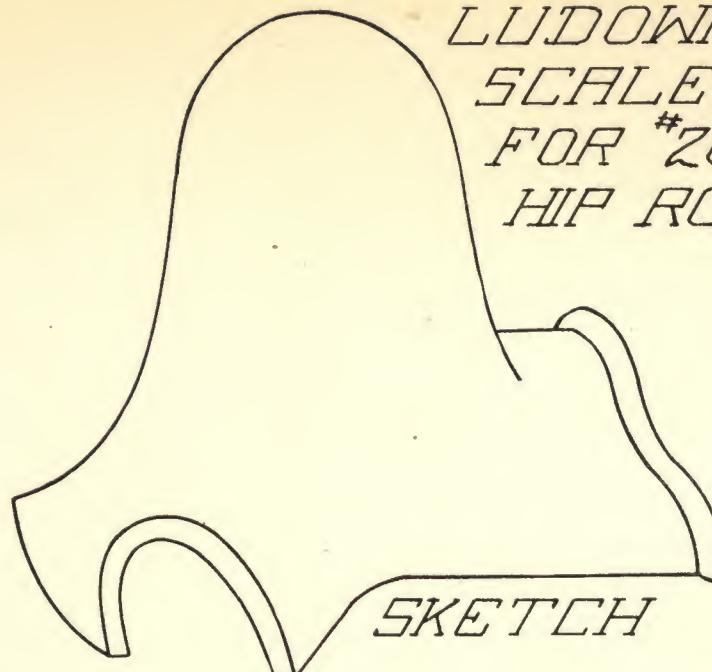


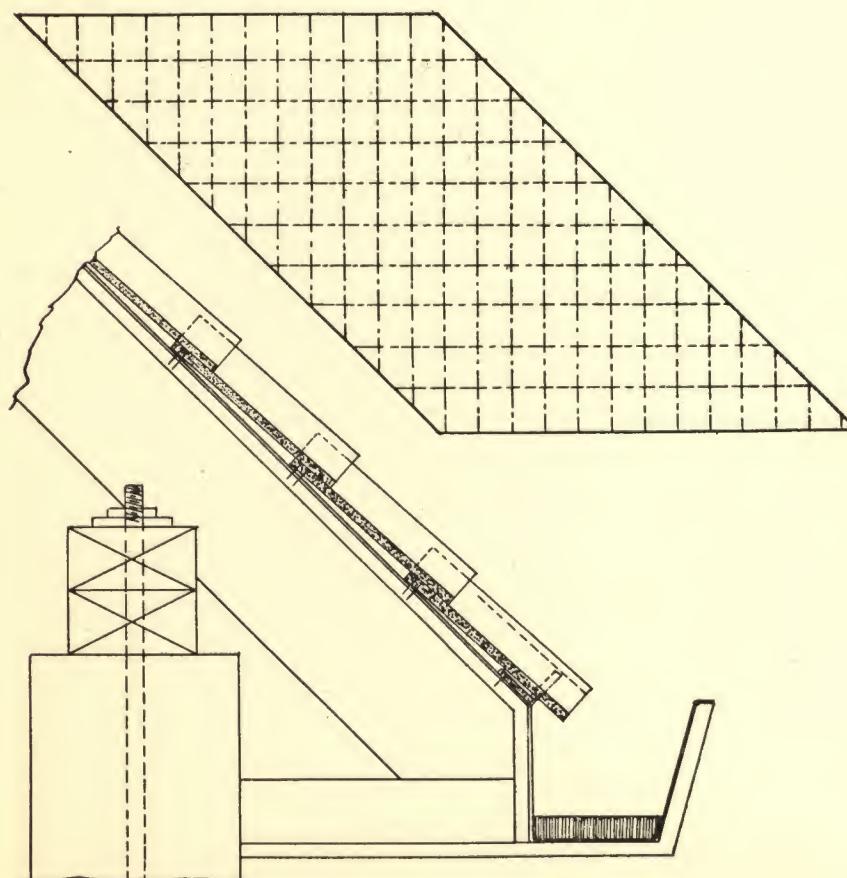
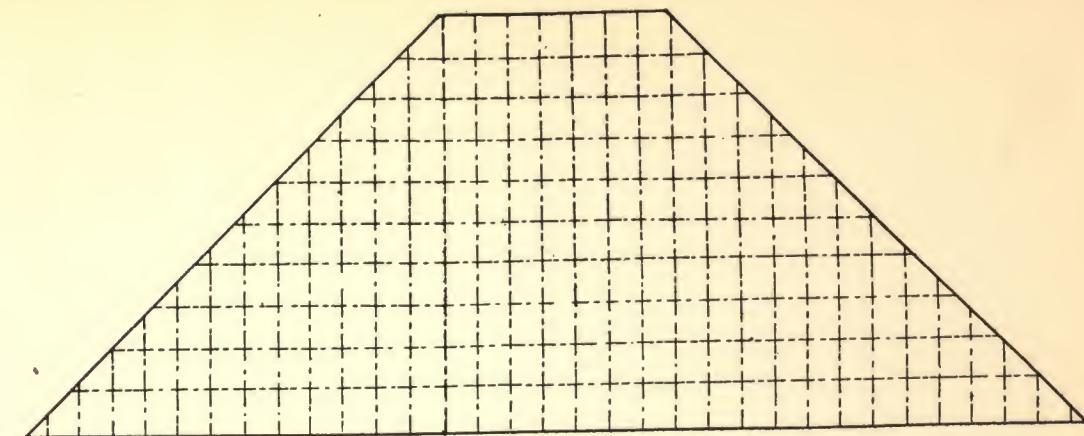
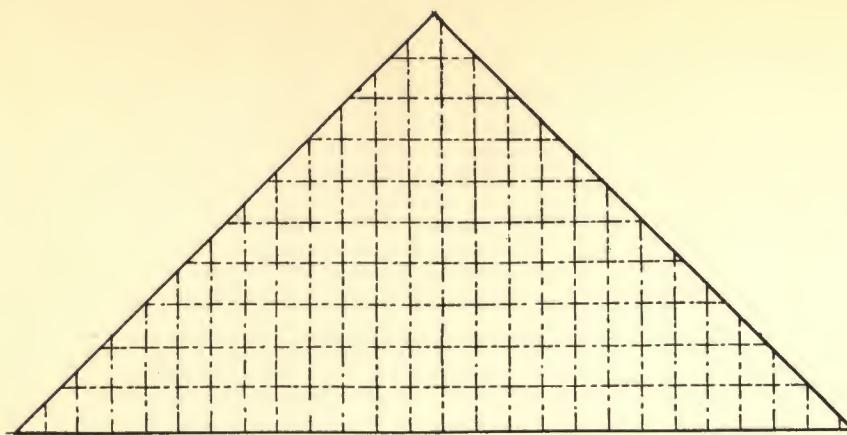
*NO. 406 GABLE TERMINAL
LUDOWICI-CELAUDON CO.
SCALE 3" EQUAL 1'-0"
FOR NO 206 RIDGE*





NO. 405 ZHIC TERMINAL
LUDOWICI- CELADON CO.
SCALE 3" EQUAL 1'-0"
FOR #206 RIDGE AND #102
HIP ROLL

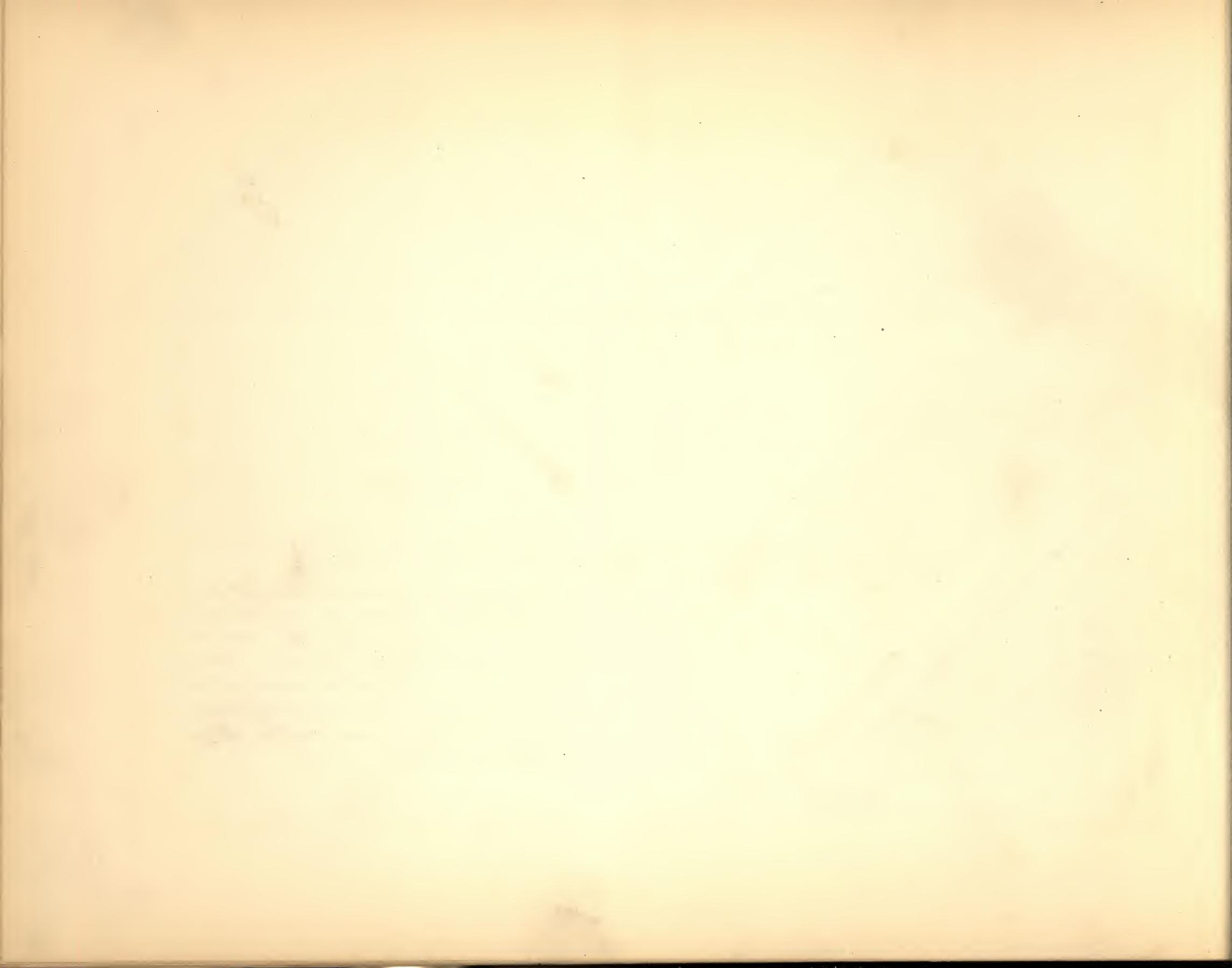




These illustrations show the proper method of lining roof for "Imperial" Spanish Tile.

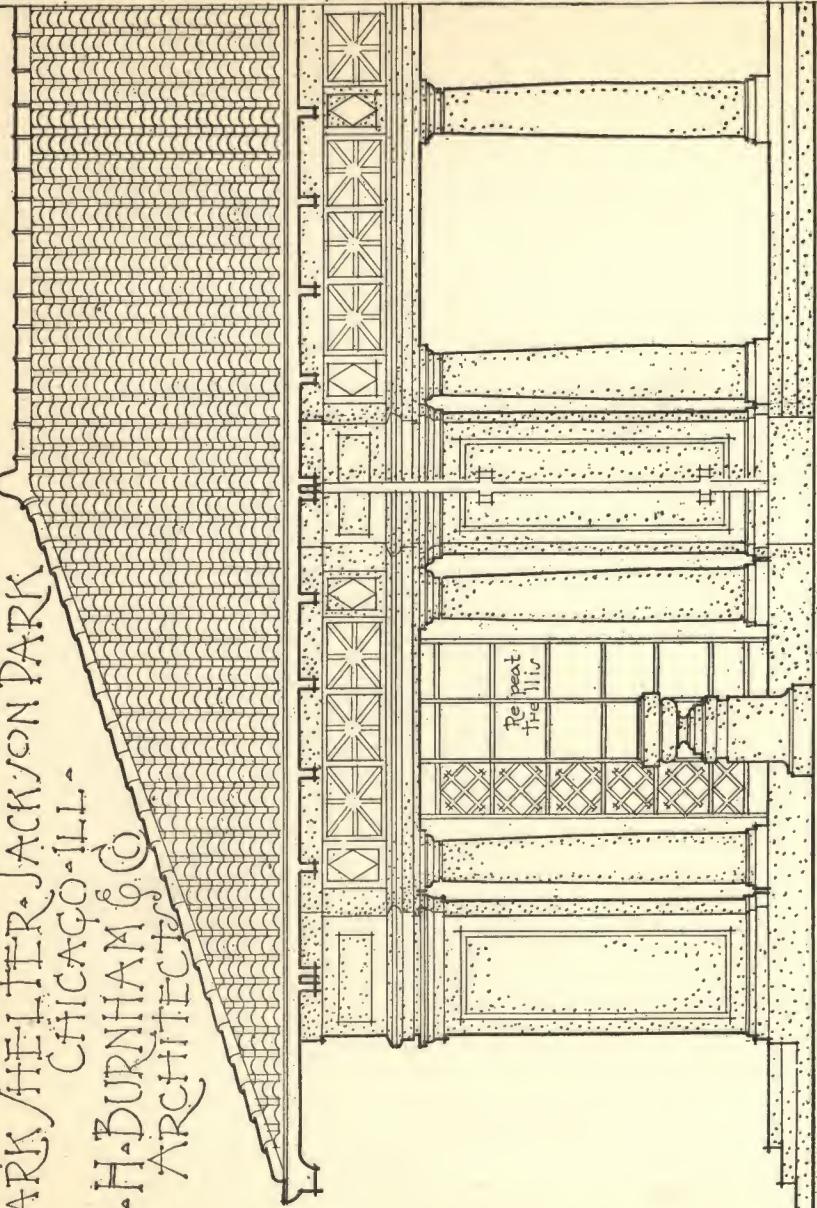
These tile lay approximately $8\frac{1}{8}$ inches width by $10\frac{1}{4}$ inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.



PARK SHELTER JACKSON PARK
CHICAGO, ILL.
D. H. BURNHAM & CO.
ARCHITECTS

No 405-24 & 1C - Terminal



FRONT ELEVATION

Scale
1 1/2 3 4 5 6 7 8

END SIDE

END

PLAN

SECTION

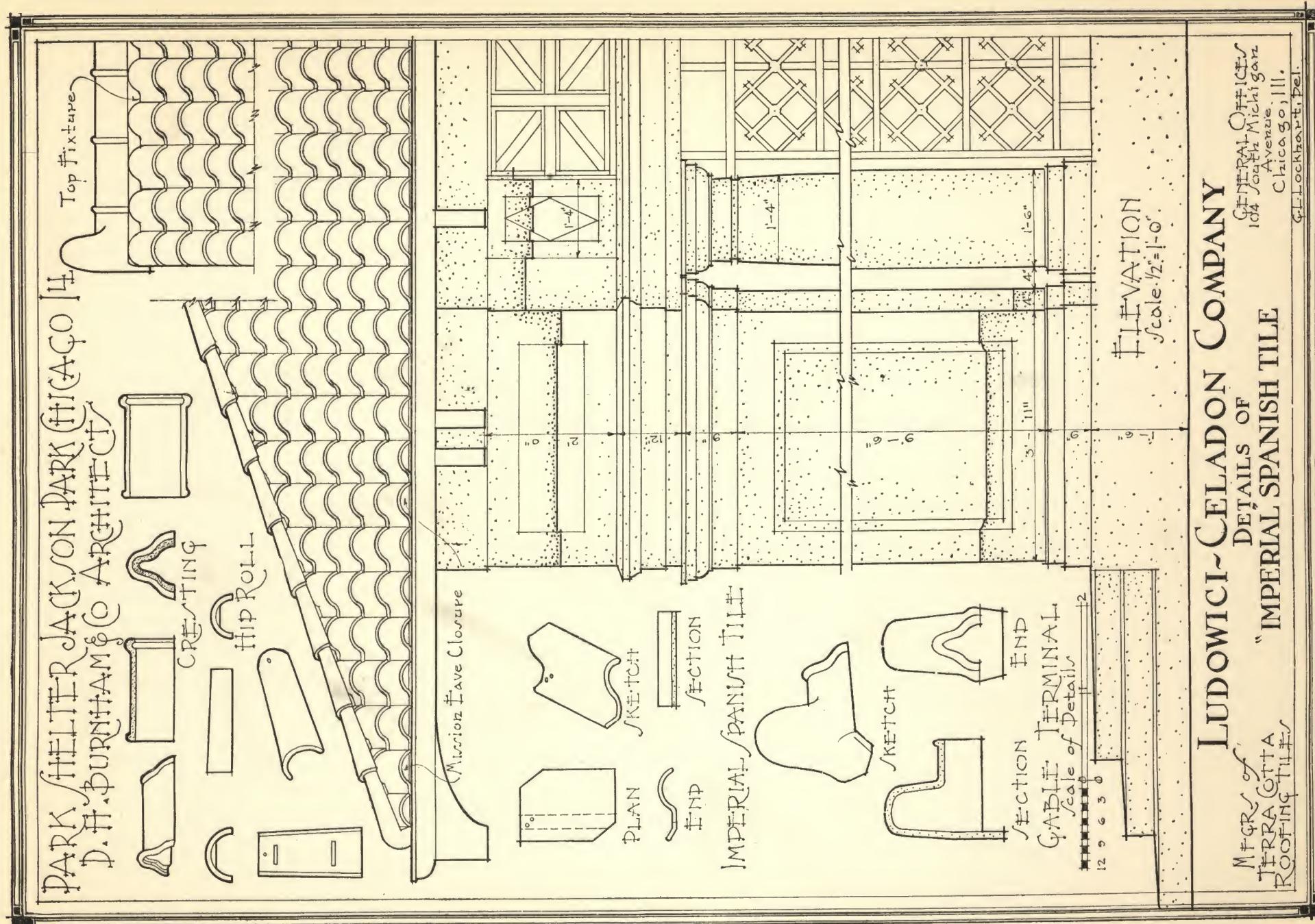
END

SECTION

PLAN

SECTION



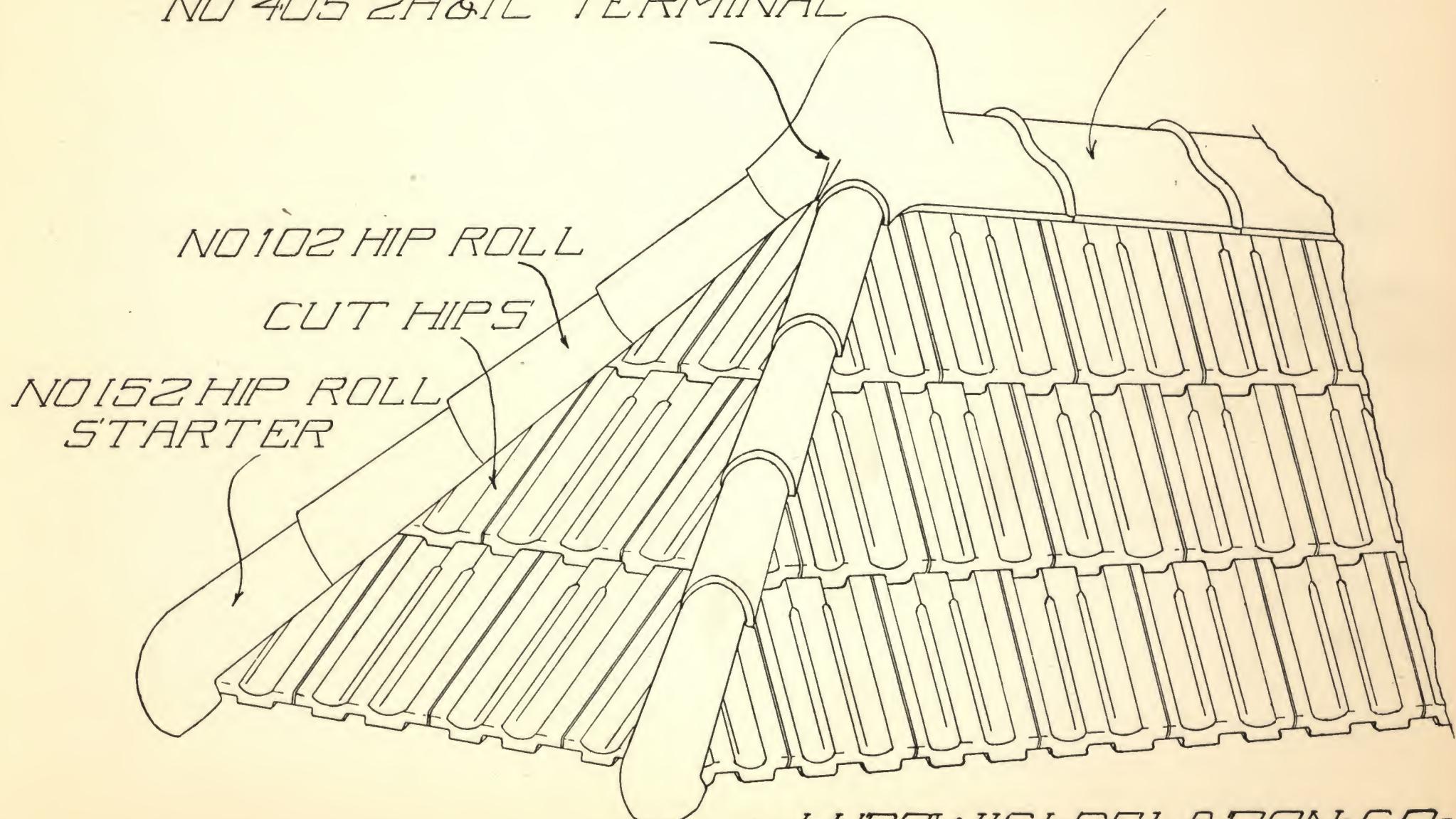




SKETCH OF "IMPERIAL" GERMAN TILE SHOWN
WITH CUT HIPS, NO. 102 HIP ROLL, NO. 152 HIP ROLL
STARTERS, NO. 206 CRESTING AND NO. 405 2H&1C
TERMINAL

NO 206 CRESTING

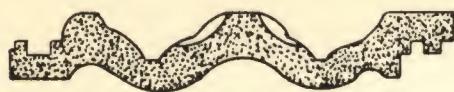
NO 405 2H&1C TERMINAL



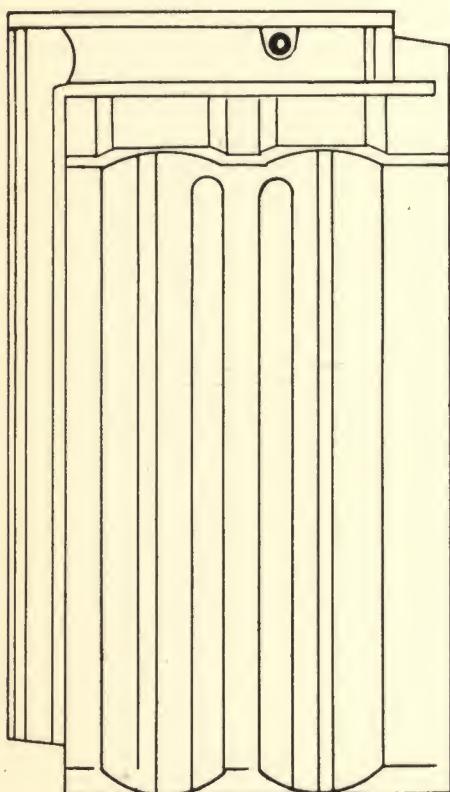
- LUDOWICI-CELAON-CO.



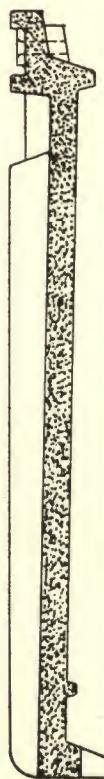
"IMPERIAL" GERMAN INTERLOCKING TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."



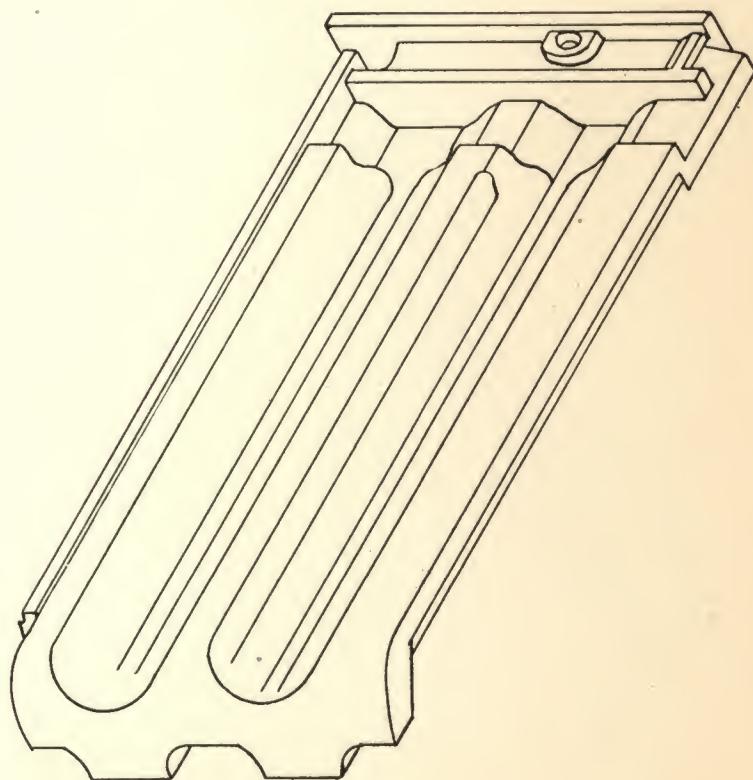
SECTION



PLAN

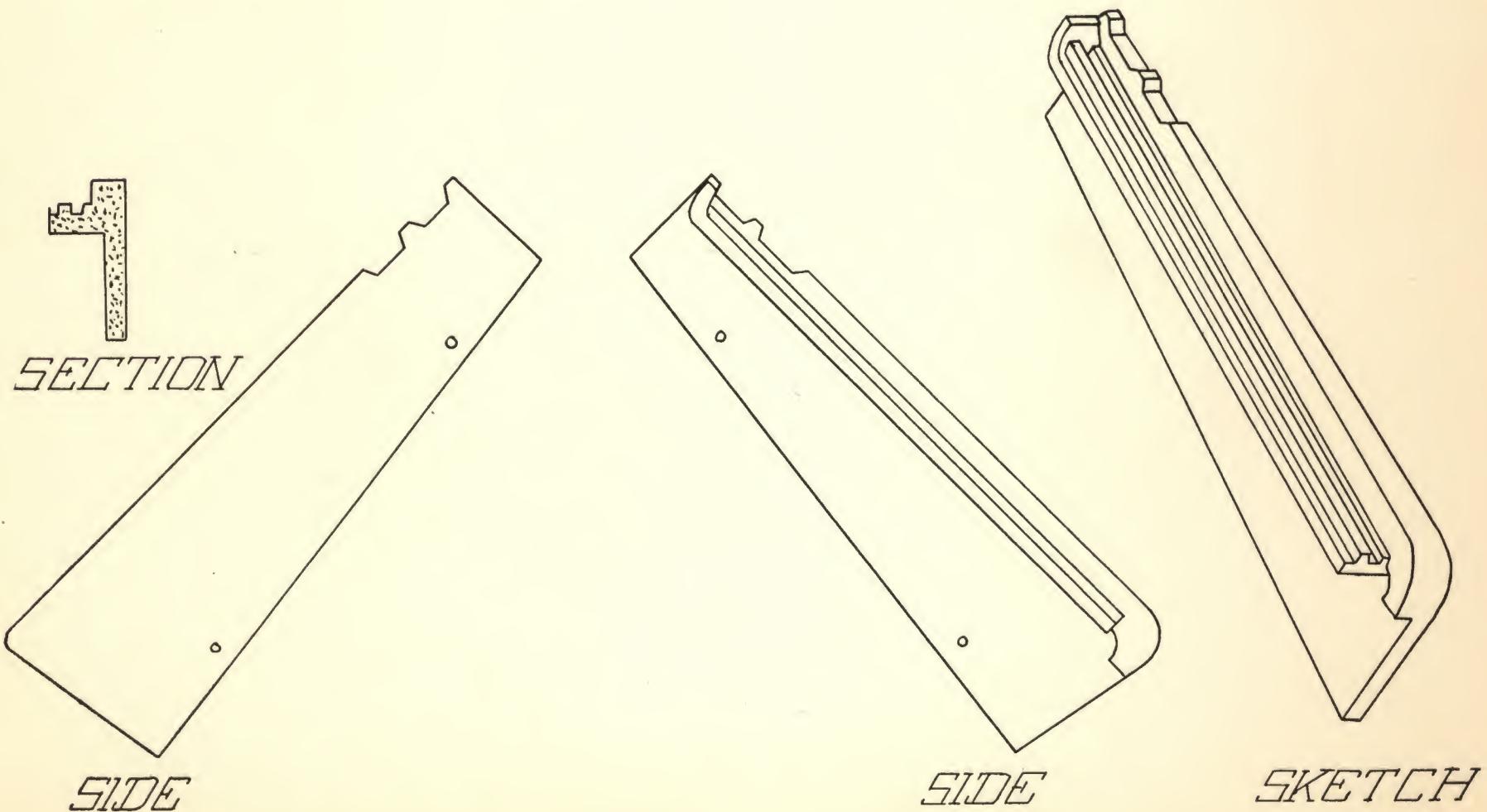


SECTION



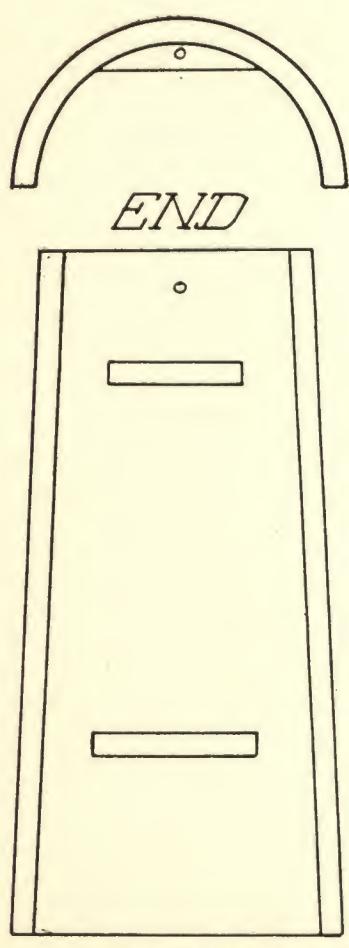
SKETCH

DETACHED GABLE RAKE
FOR
"IMPERIAL" GERMAN INTERLOCKING TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 10"

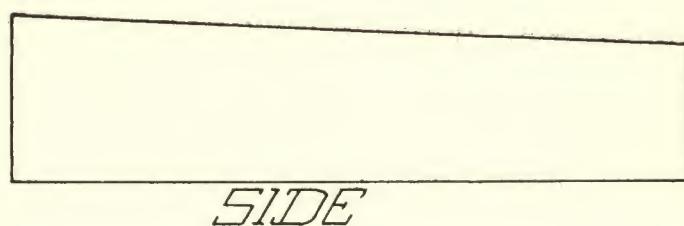




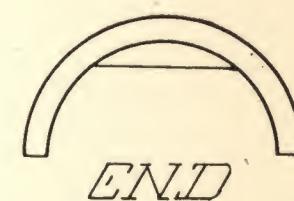
NO. 102 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



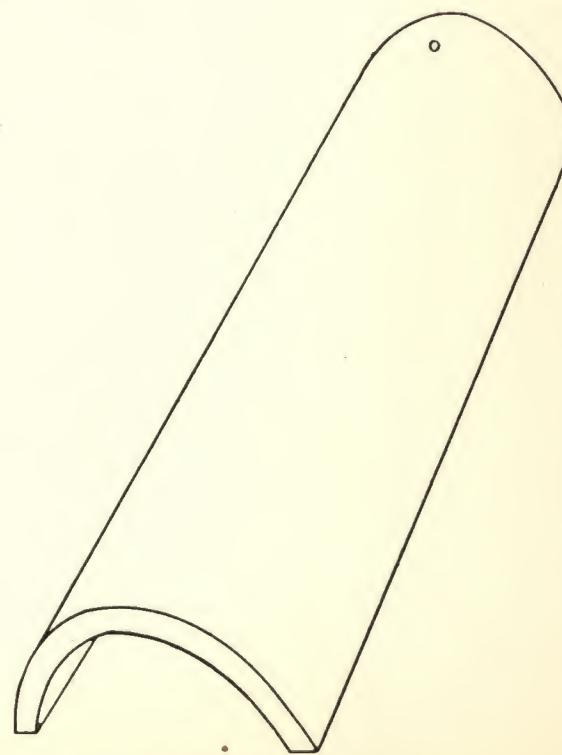
PLAN



SIDE



END



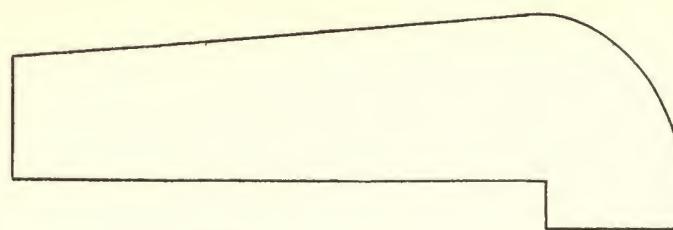
SKETCH



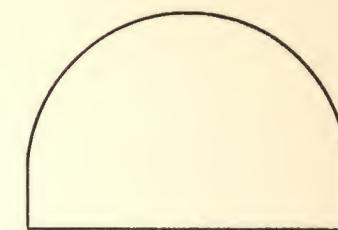
*NO.152 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



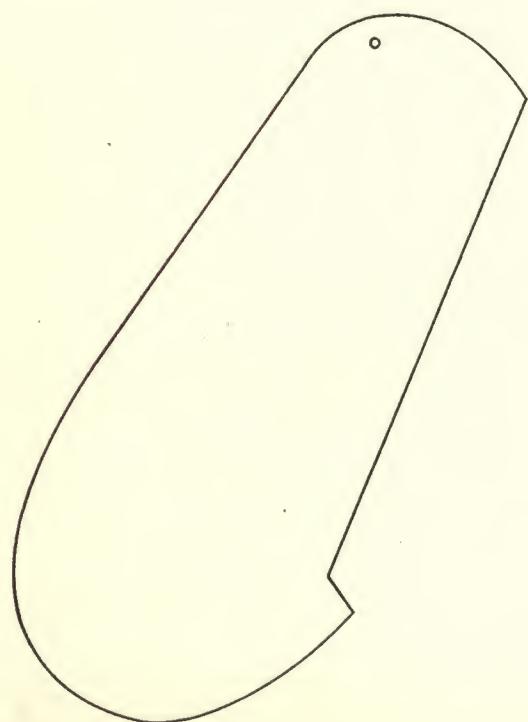
END



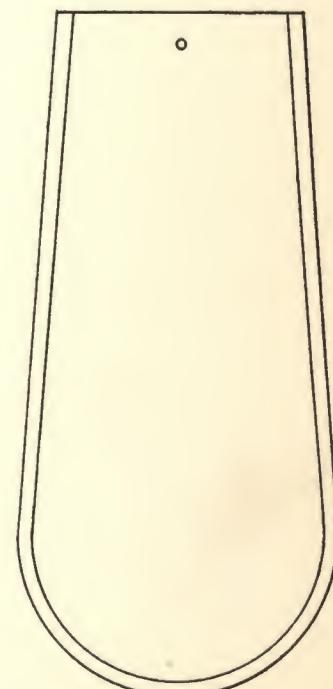
SIDE



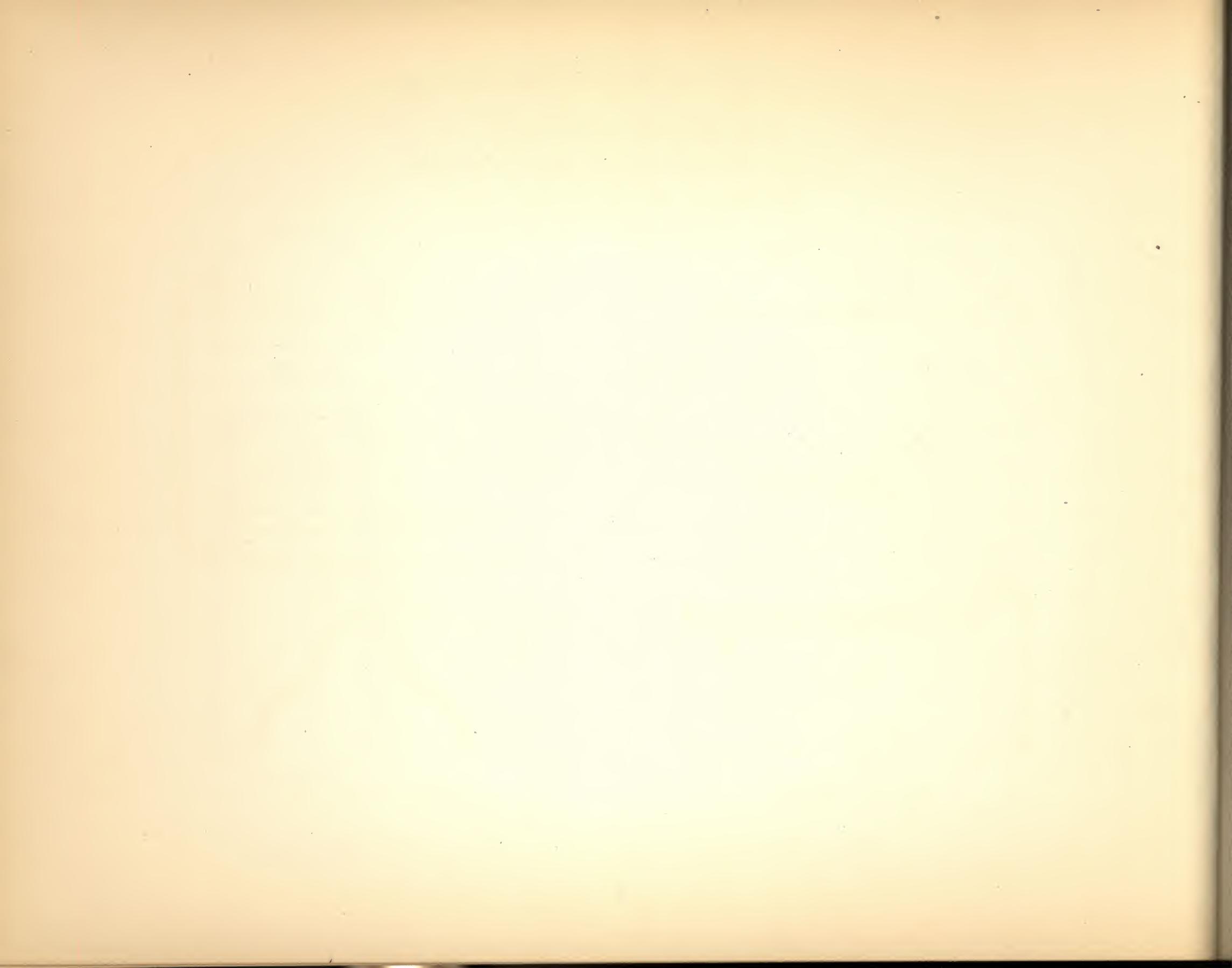
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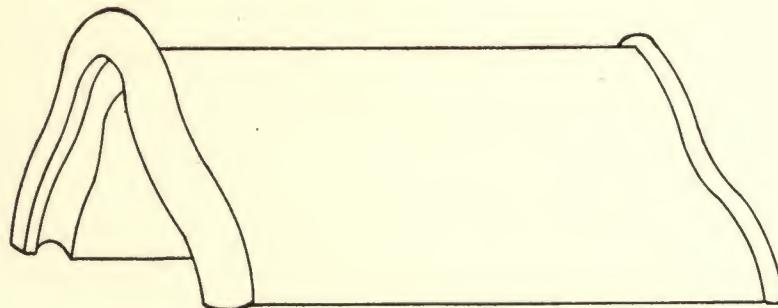
SKETCH



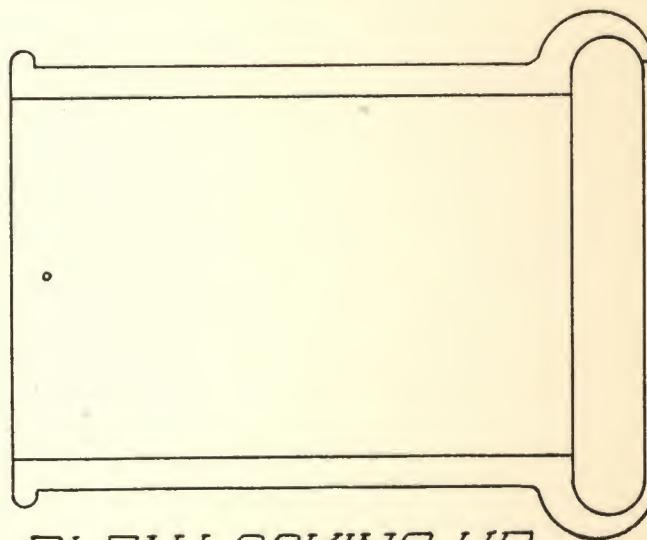
PLAN



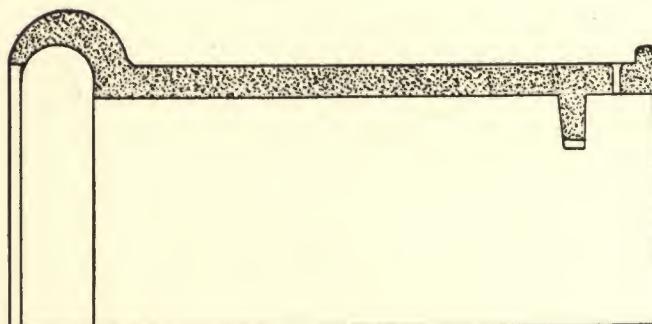
*NO. 206 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



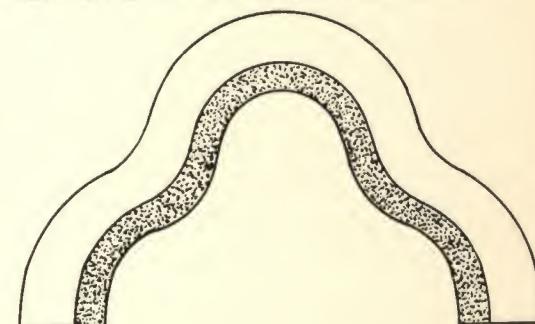
SKETCH



PLAN LOOKING UP

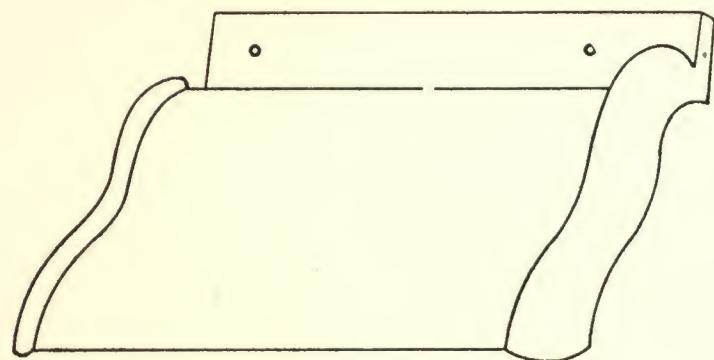


SECTION

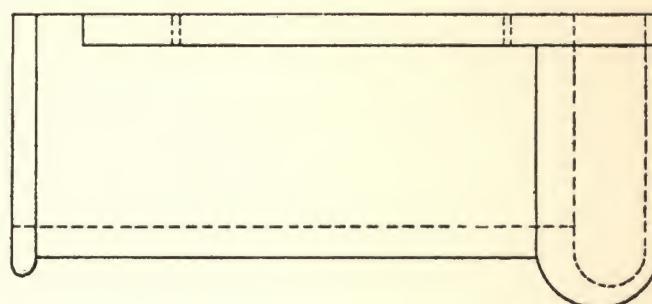


SECTION

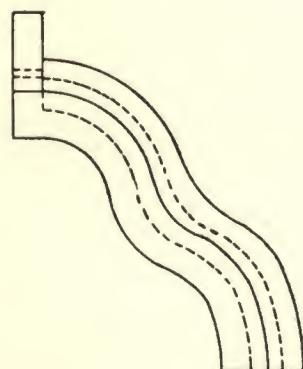
NO. 206 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0".



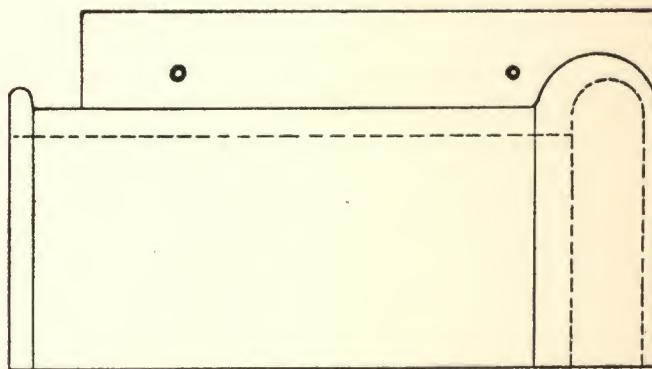
SKETCH



PLAN

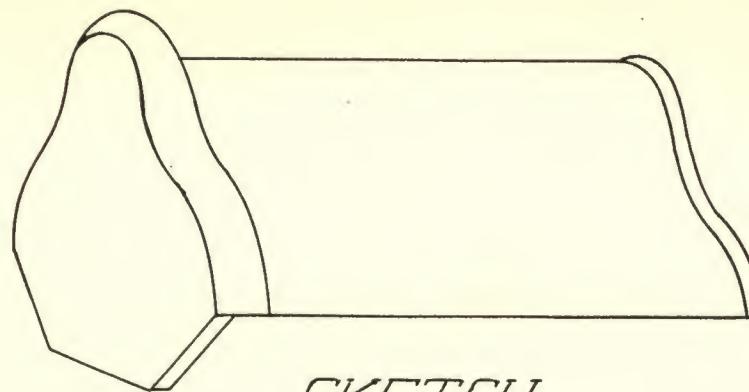


END VIEW

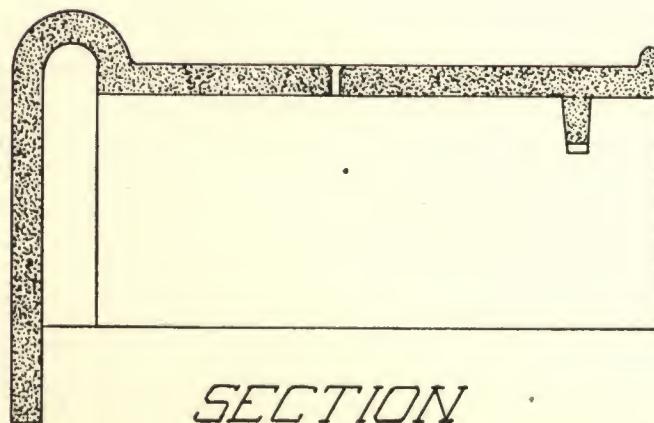


FRONT VIEW

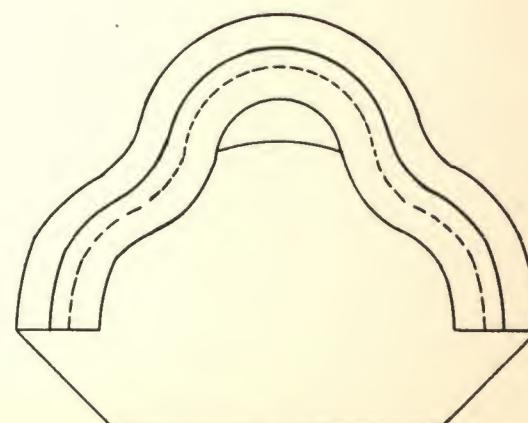
*NO 206 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"*



SKETCH

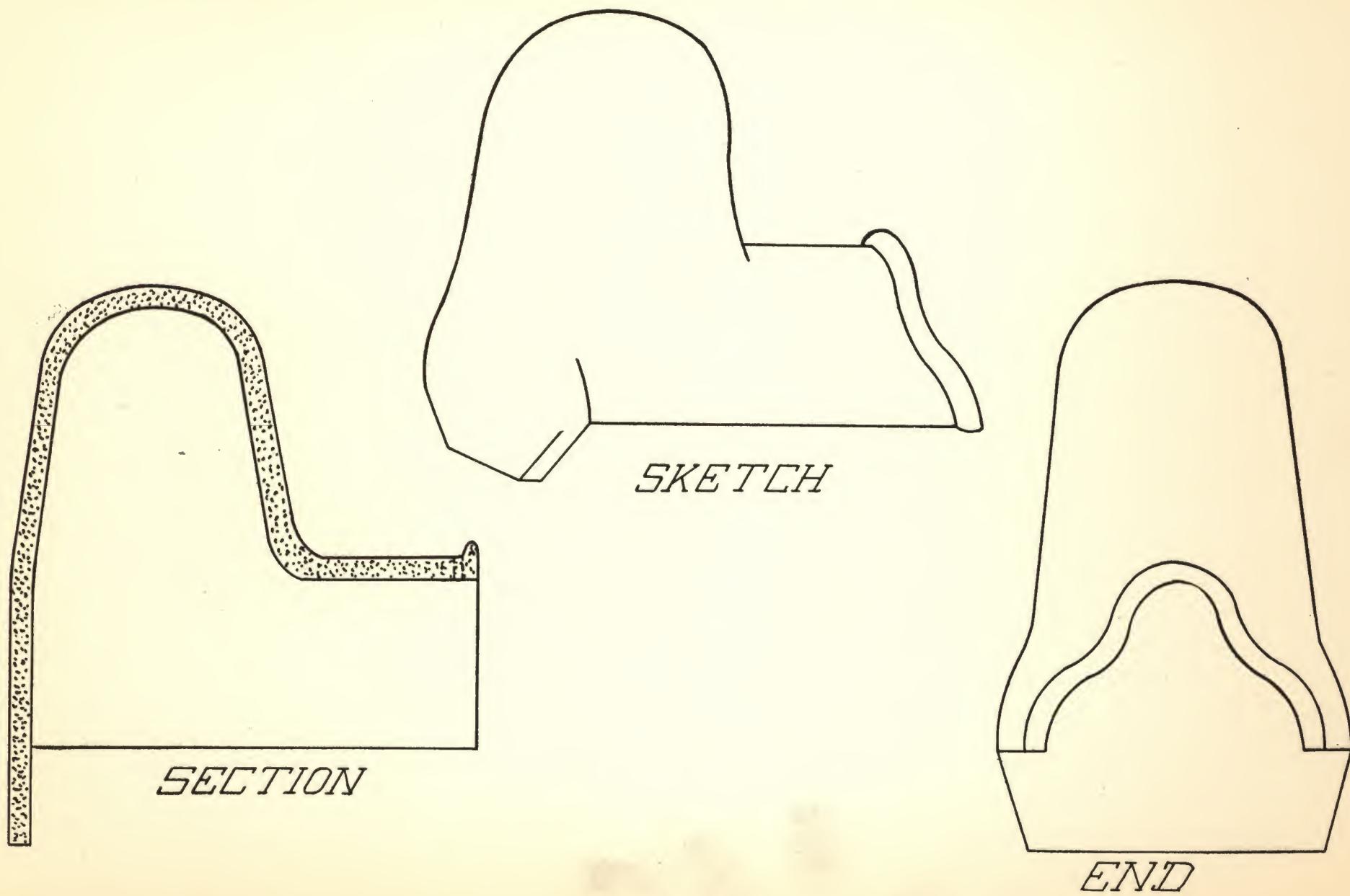


SECTION



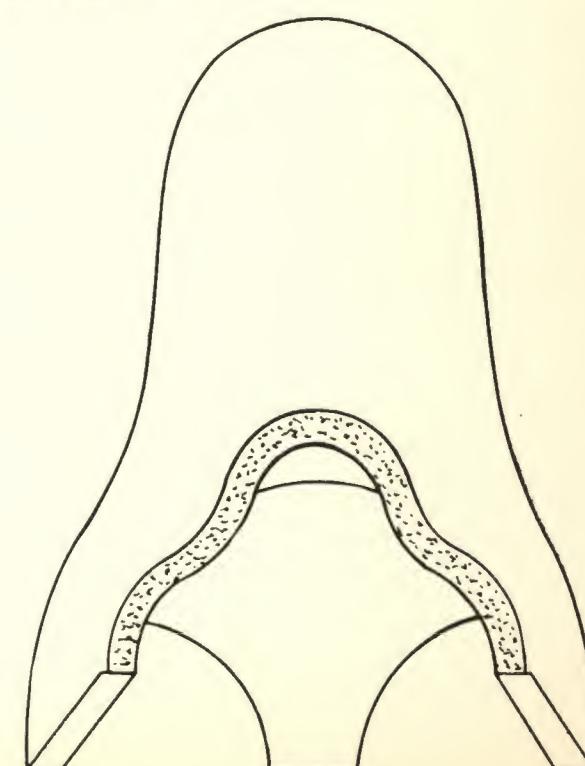
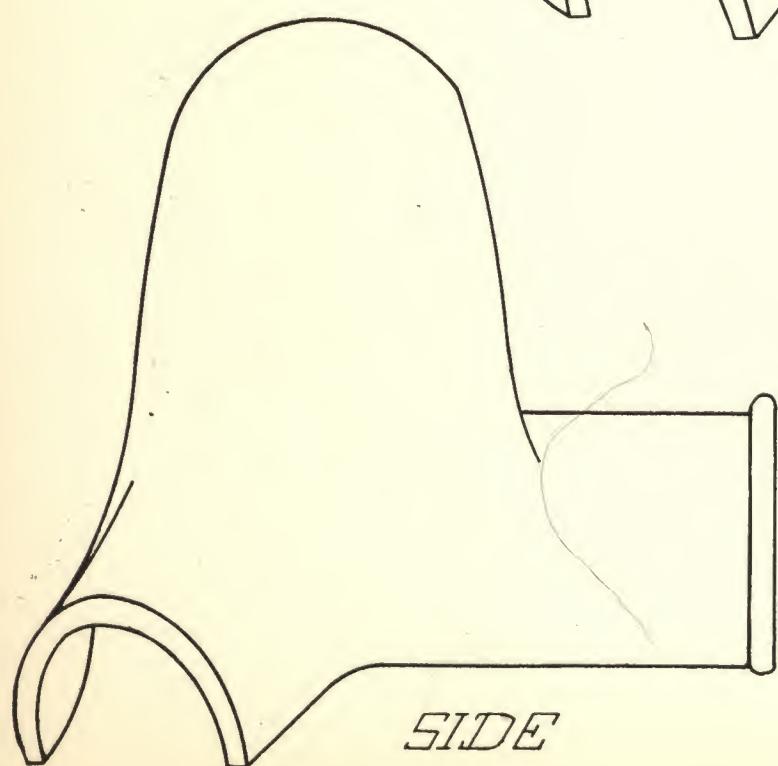
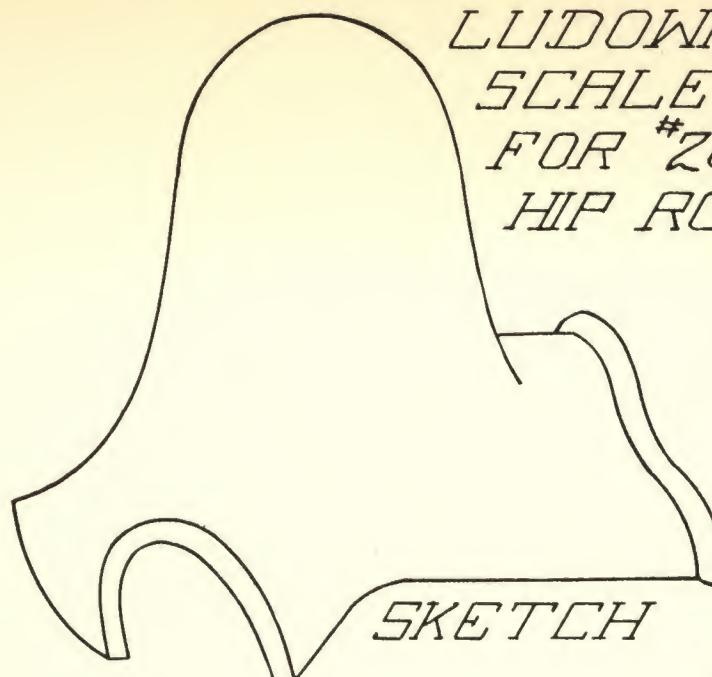
END

NO. 406 GABLE TERMINAL
LUDOWICI-CELAUDON CO.
SCALE 3" EQUAL 1'-0"
FOR NO. 206 RIDGE



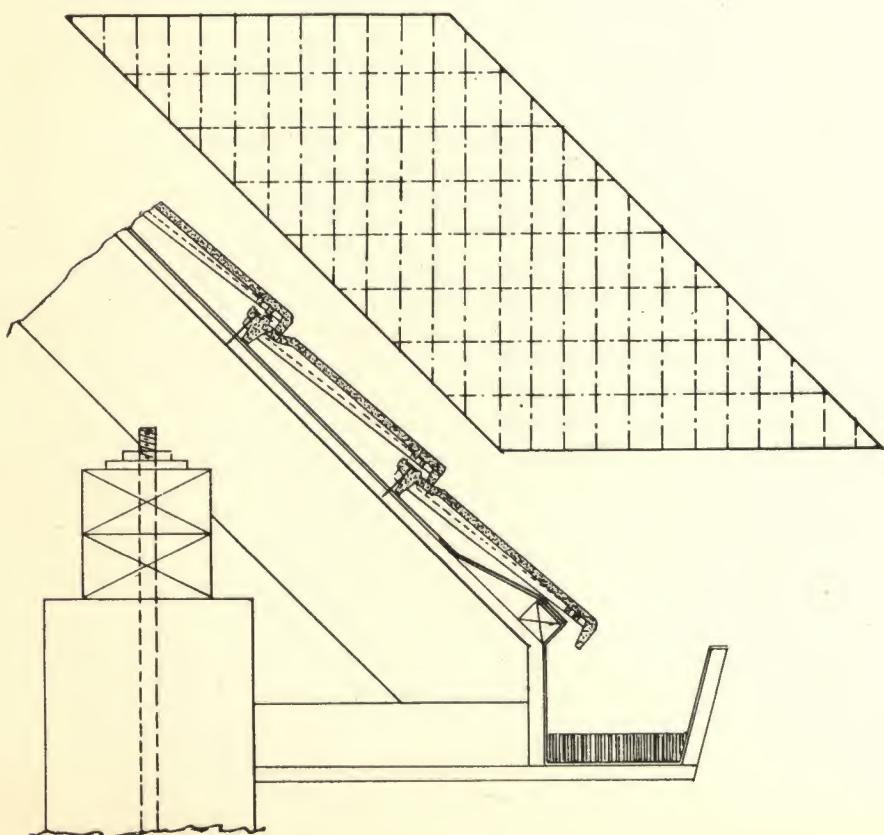
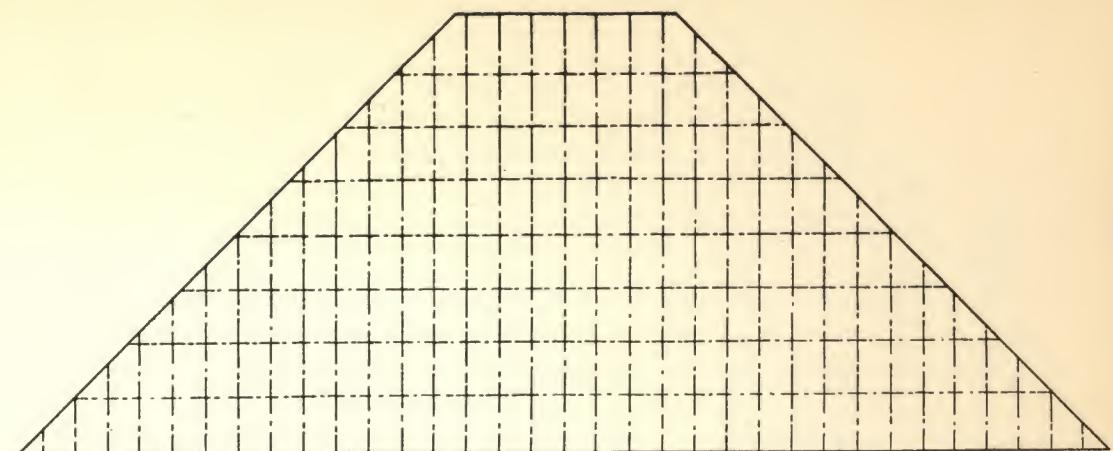
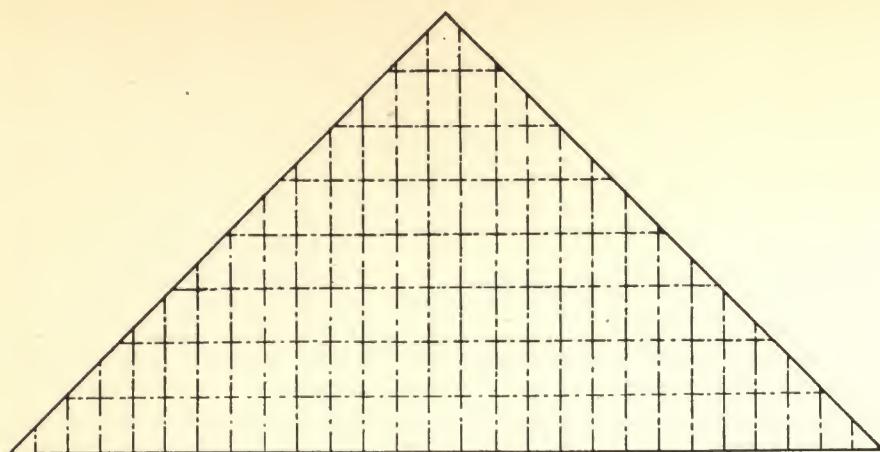


NO. 405 ZHIC TERMINAL
LUDOWICI- CELADON CO.
SCALE 3" EQUAL 1'-0"
FOR #206 RIDGE AND #102
HIP ROLL



SECTION

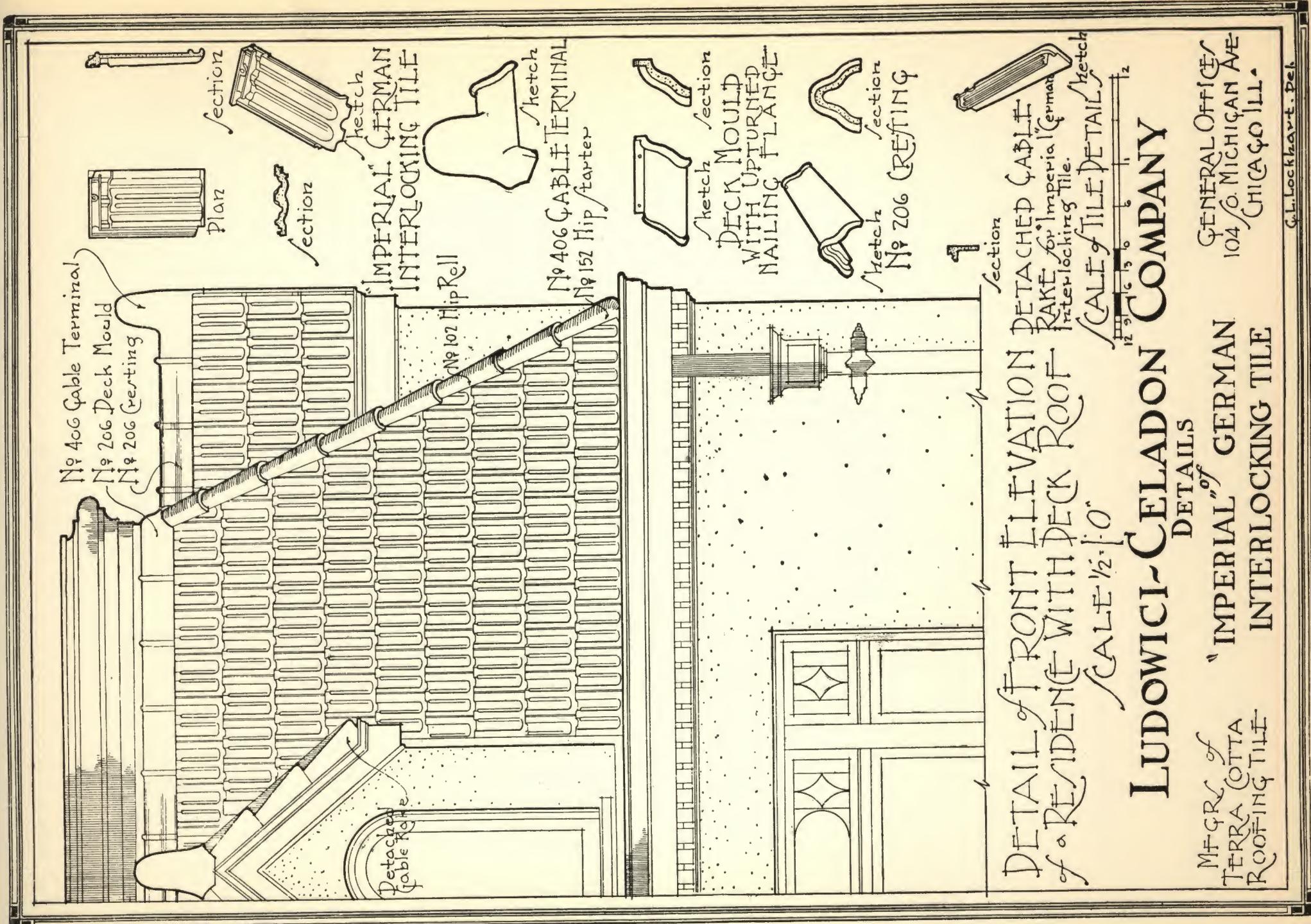


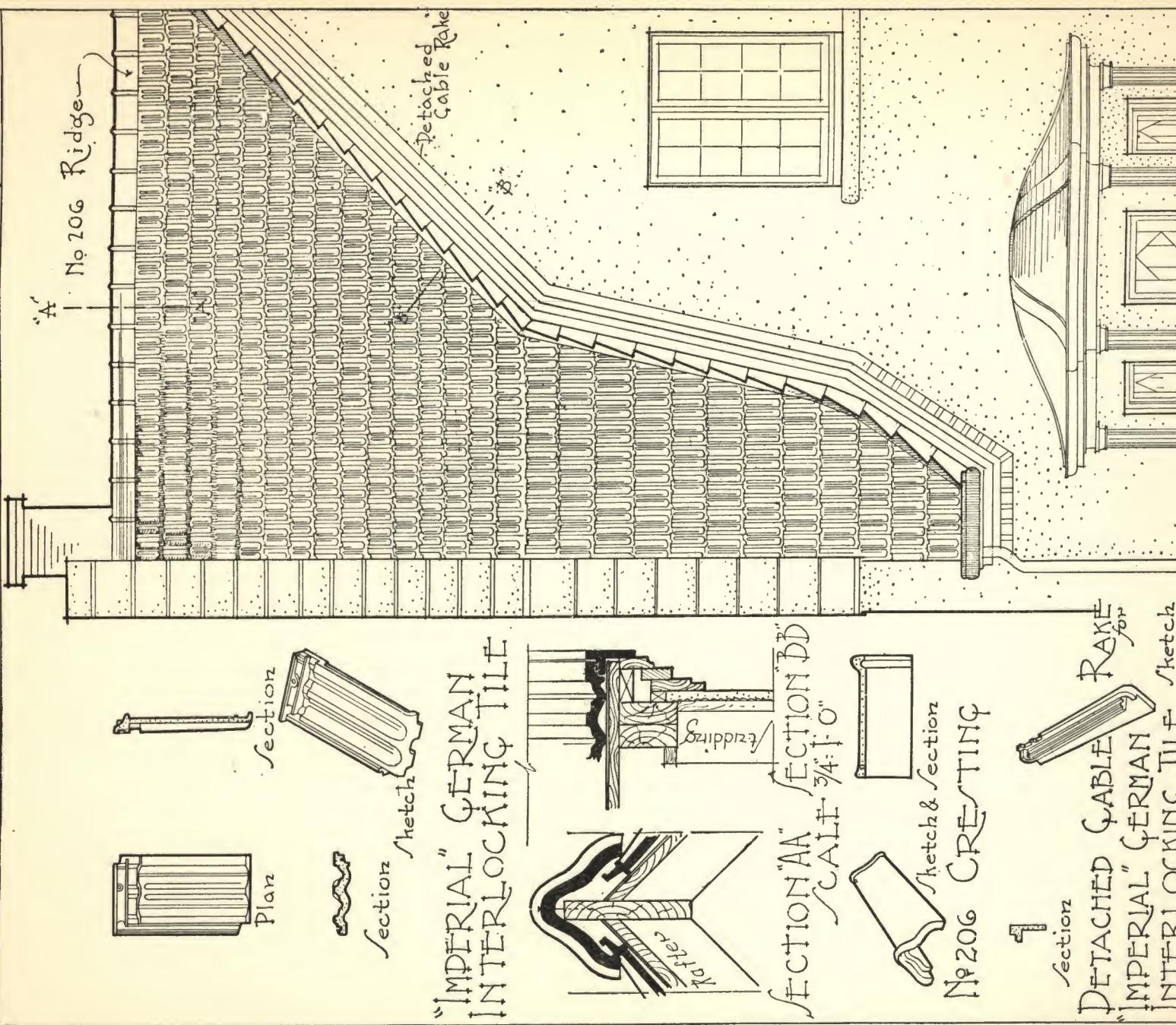


These illustrations show the proper method of lining roof for "Imperial" German Tile.

These tile lay approximately $8\frac{1}{5}$ inches width by $13\frac{3}{8}$ inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.





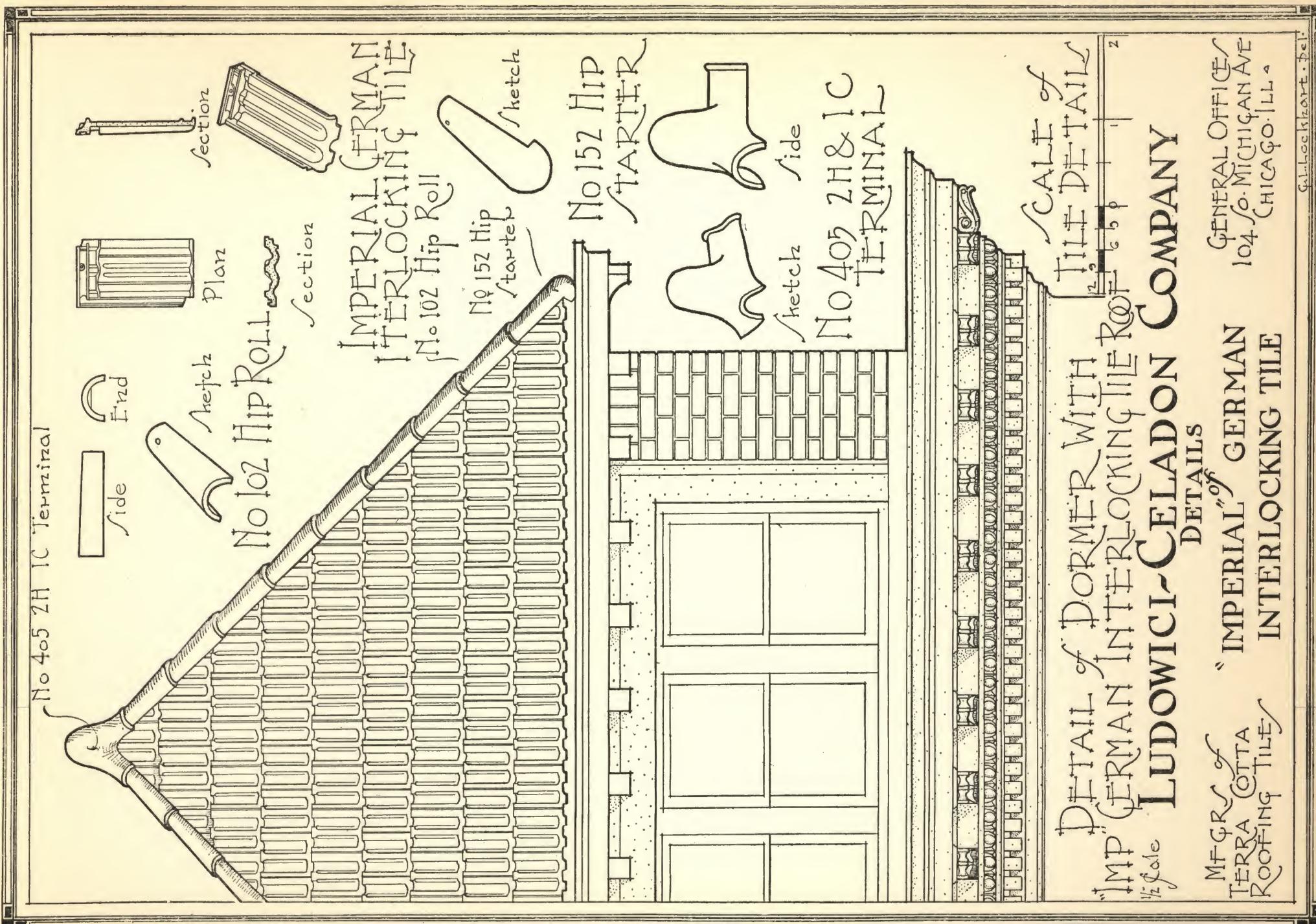
FRONT ELEV. of a RESIDENCE
SCALE $\frac{1}{4}$:10

LUDOWICI-CELA DON COMPANY

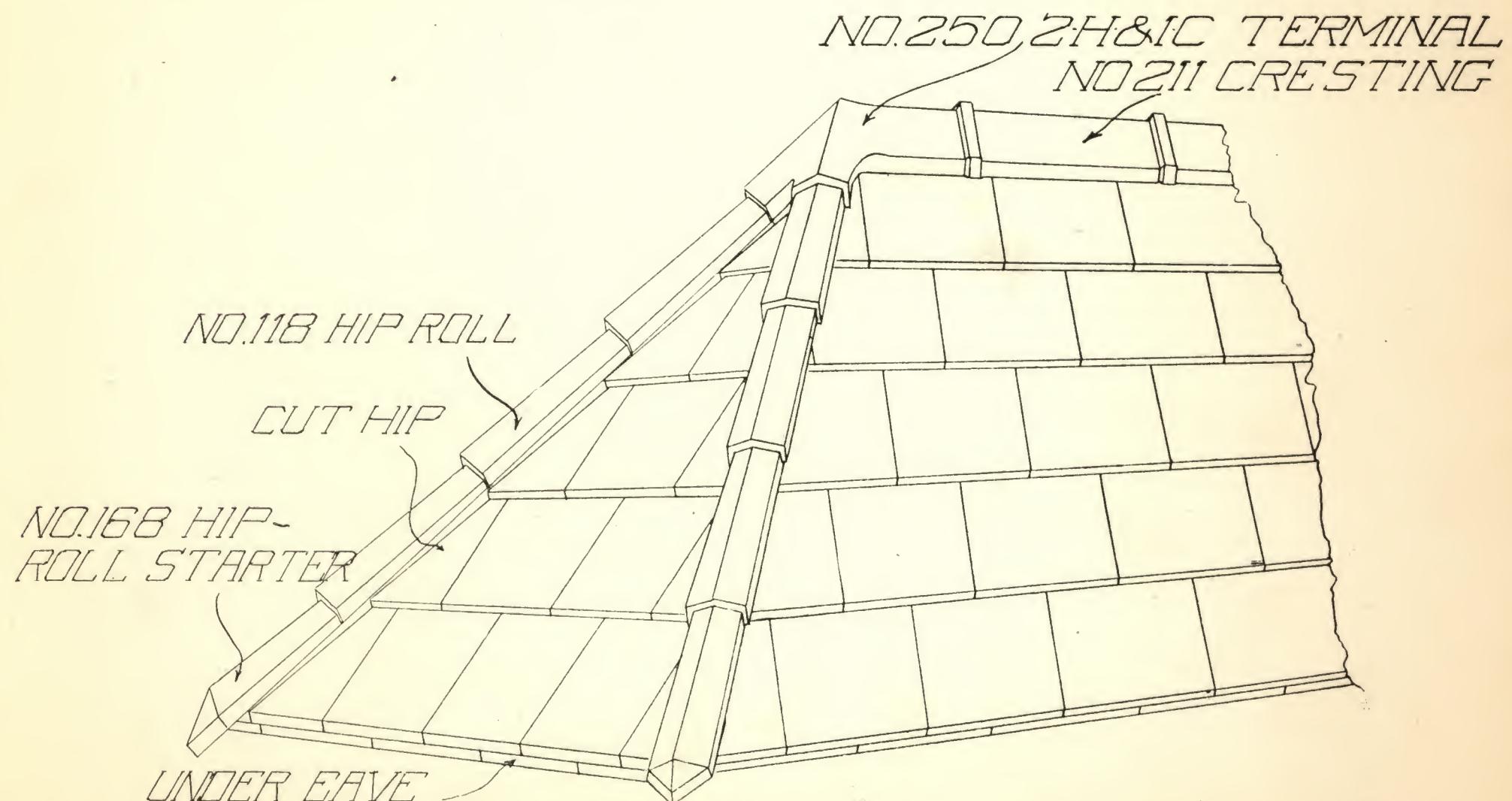
MANUFACTURERS OF
"IMPERIAL" GERMAN
INTERLOCKING TILE

GENERAL OFFICE
104 SO. MICHIGAN AVE.
CHICAGO ILL.

G. L. Lockhart, Architectural

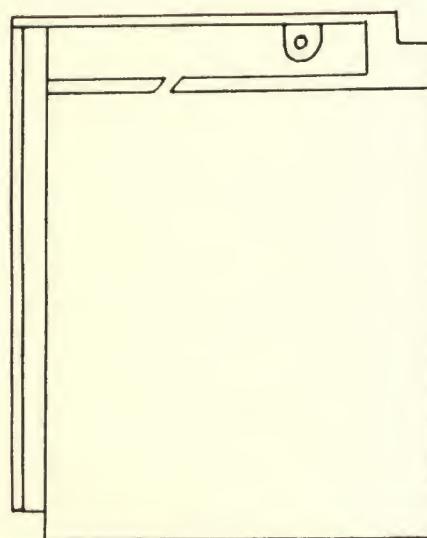


SKETCH OF "IMPERIAL" CLOSED SHINGLE TILE
WITH UNDER EAVES, CUT HIPS, NO.118 HIP ROLL, NO.168 HIP
ROLL STARTERS, NO. 211 CRESTING AND NO 250 2H&IC
TERMINAL.

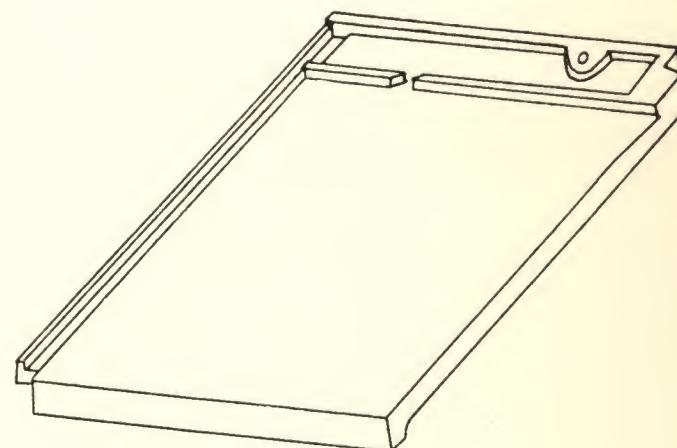


-LUDWICI-CELADON-CO-

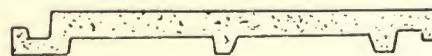
*"IMPERIAL" CLOSED SHINGLE TILE
LUDOWICI - CELADON CO.
SCALE 3" EQUALS 1-0"*



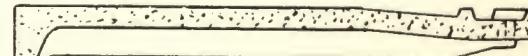
PLAN



SKETCH



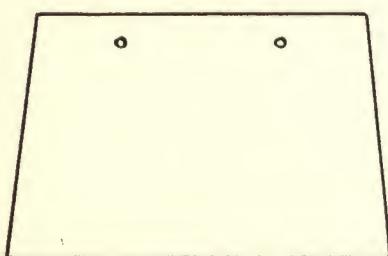
SECTION



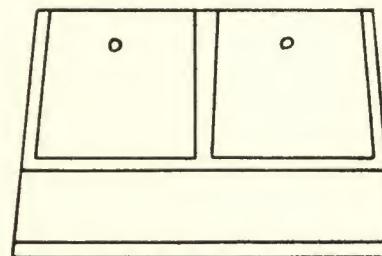
SECTION



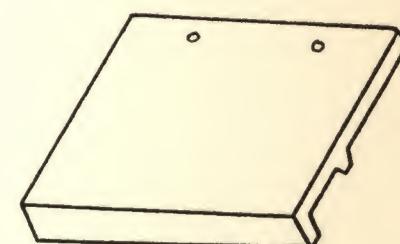
UNDER EAVE
FOR
"IMPERIAL" CLOSED SHINGLE TILE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"



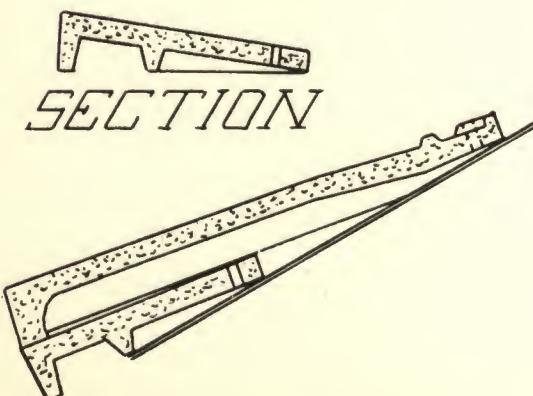
PLAN



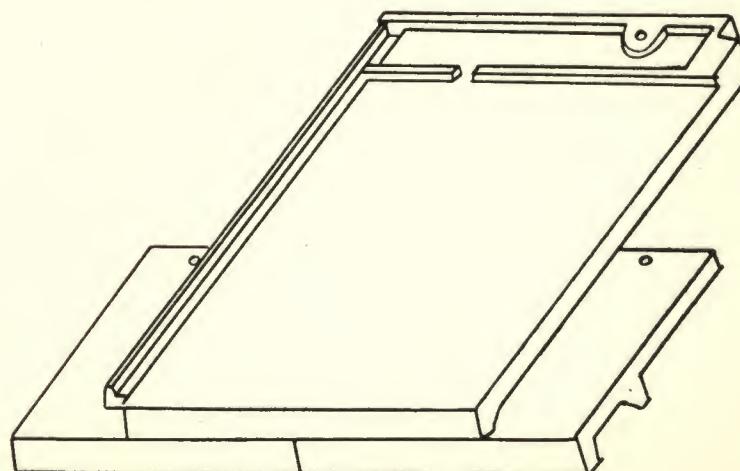
PLAN



SKETCH



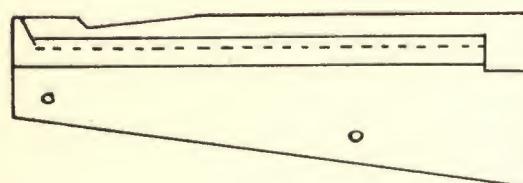
SECTION



SKETCH



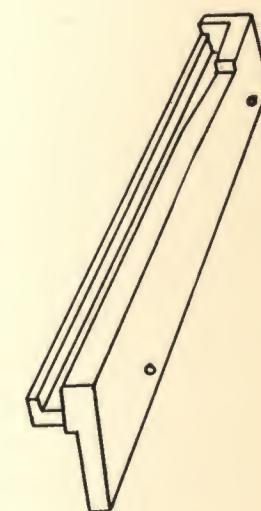
*DETACHED GABLE RAKE
FOR
"IMPERIAL" CLOSED SHINGLE TILE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"*



SIDE



END



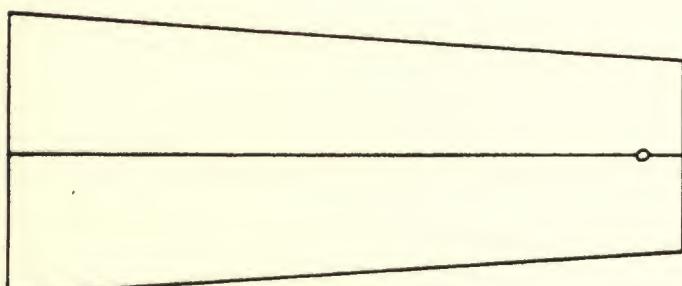
SKETCH



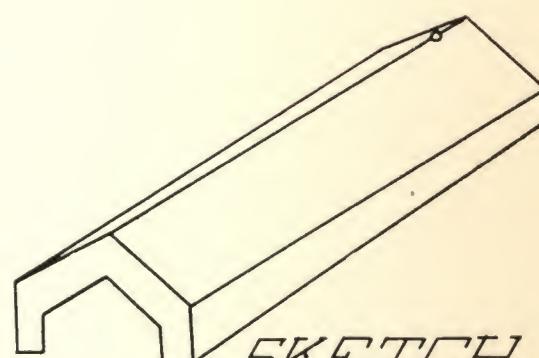
PLAN



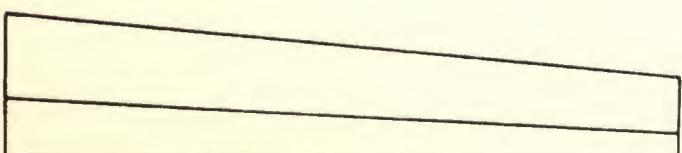
NO. 118 HIP ROLL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



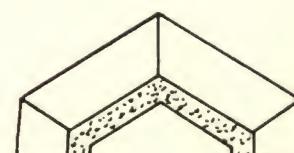
PLAN



SKETCH



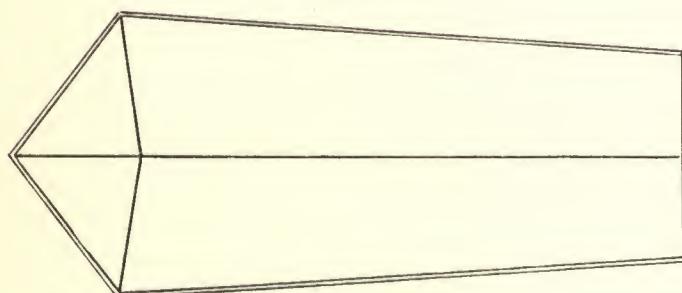
SIDE



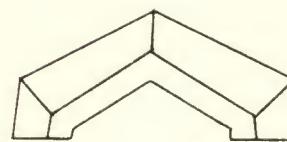
SECTION



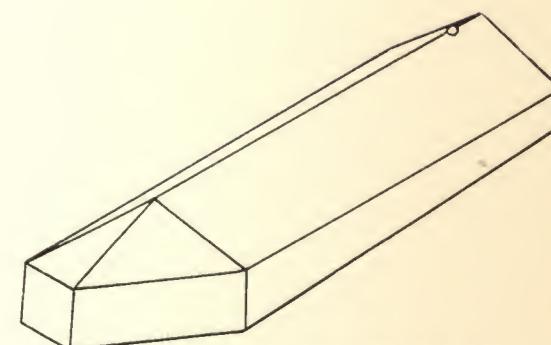
NO. 168 HIP STARTER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



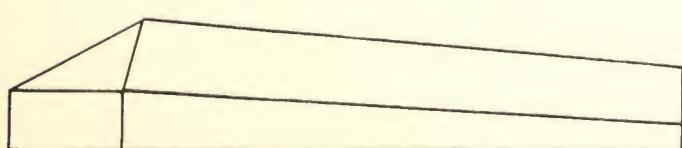
PLAN



END



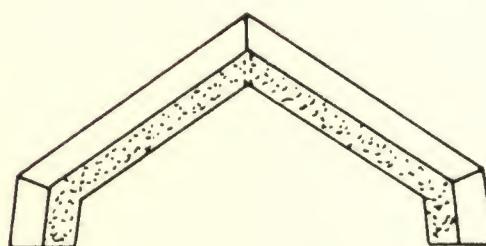
SKETCH



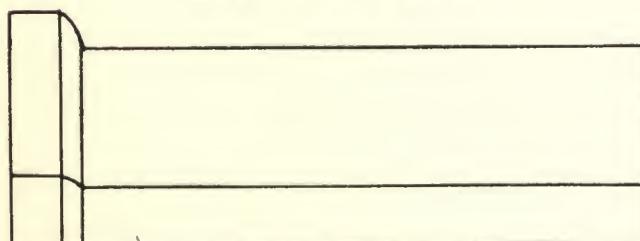
SIDE



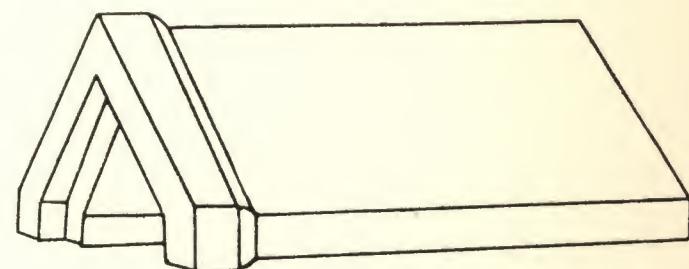
NO. 211 RIDGE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



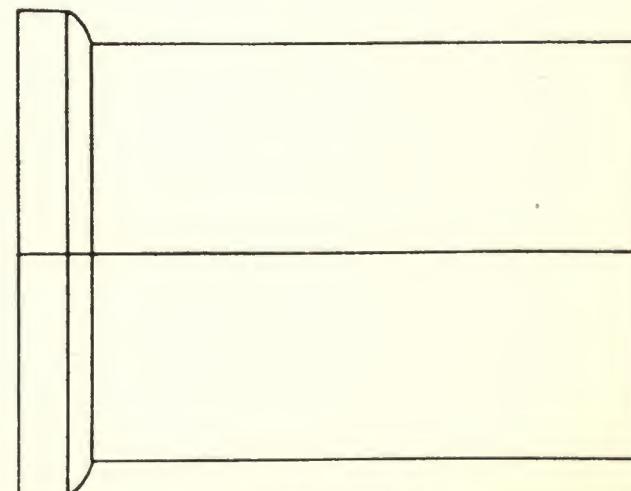
SECTION



SIDE

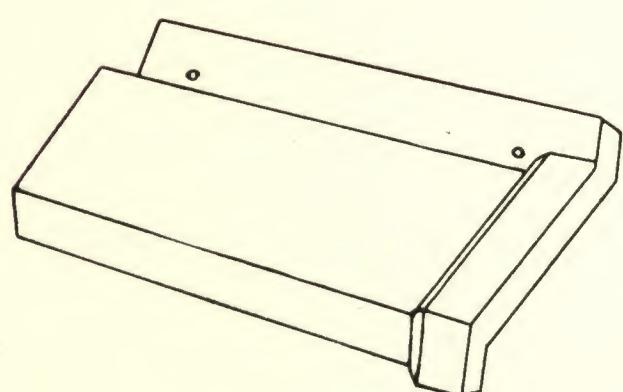


SKETCH

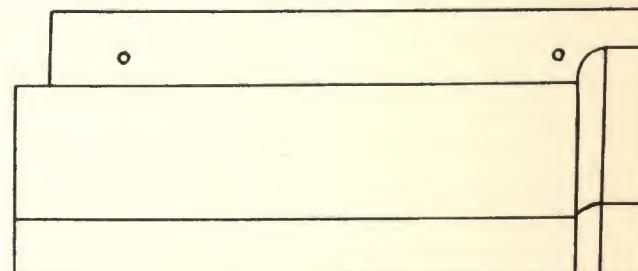


PLAN

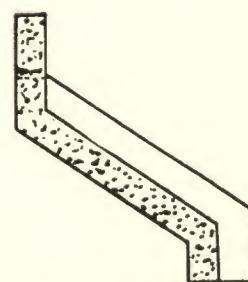
NO. 211 DECK MOULD RAISED FLANGE
LUDOWICI-CELA DON CO.
SCALE 3' EQUAL 1-0"



SKETCH



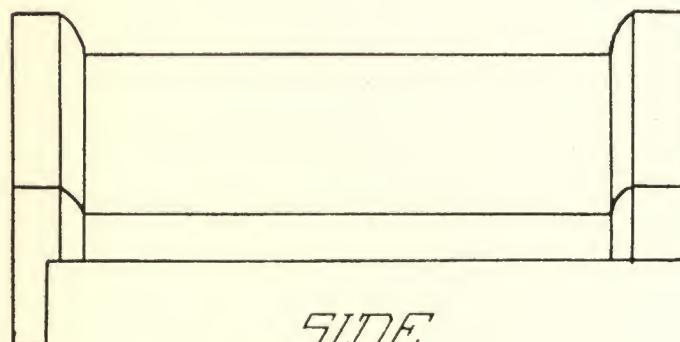
SIDE



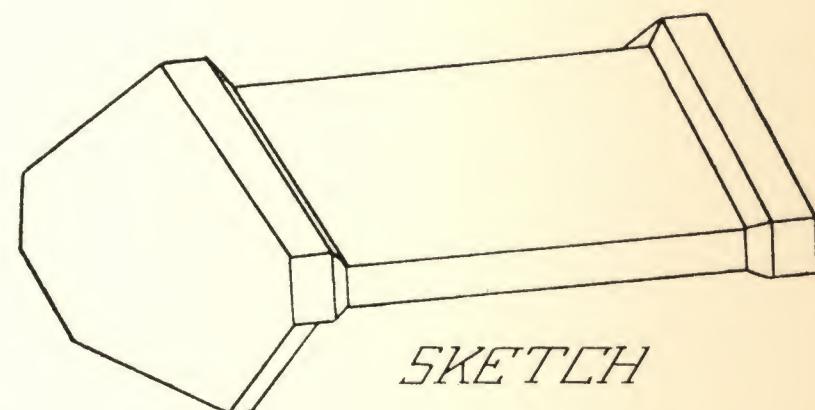
SECTION



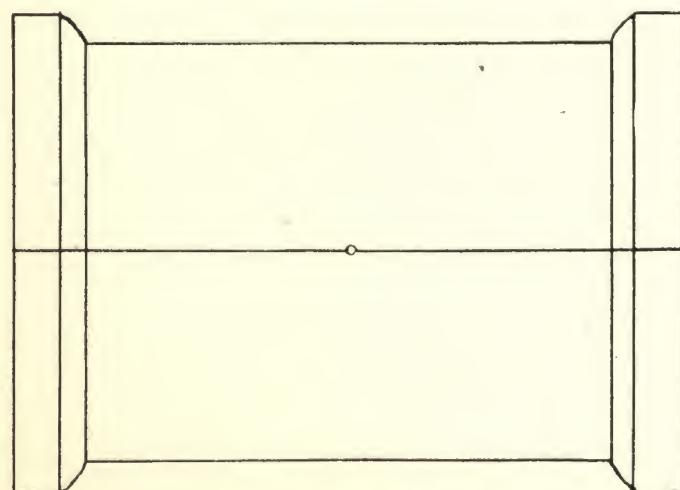
*NO. 211 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3' EQUAL 10"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE*



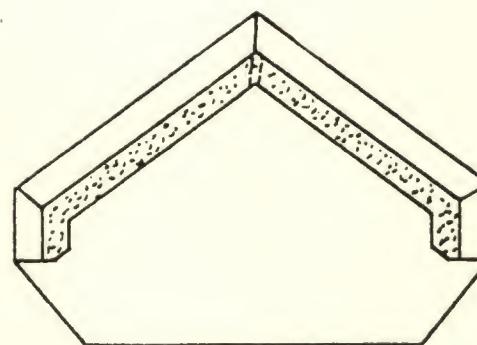
SIDE



SKETCH

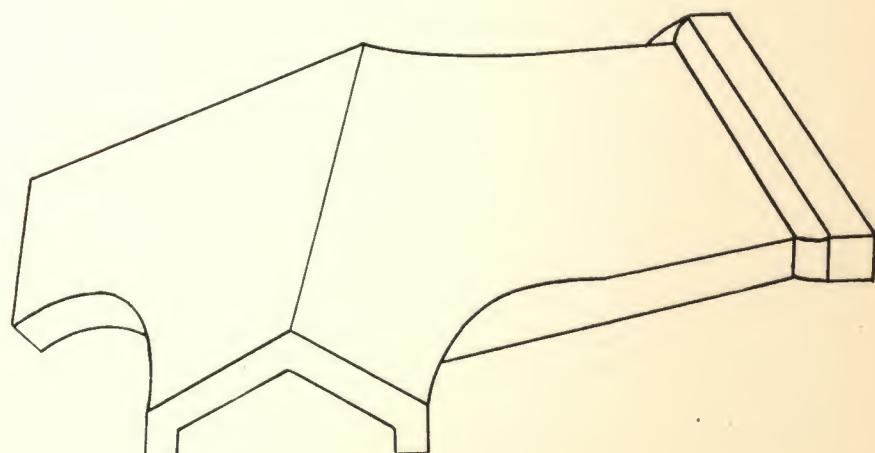
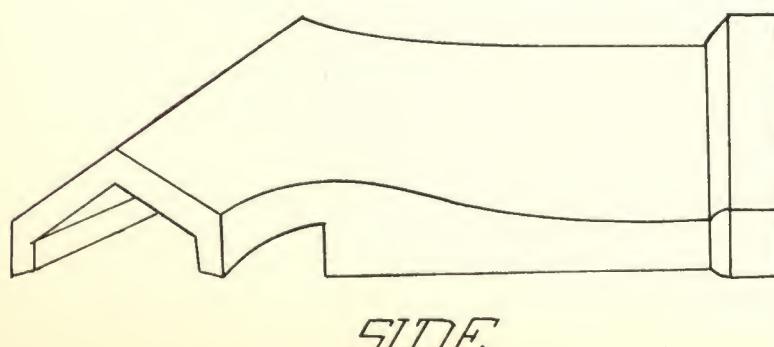
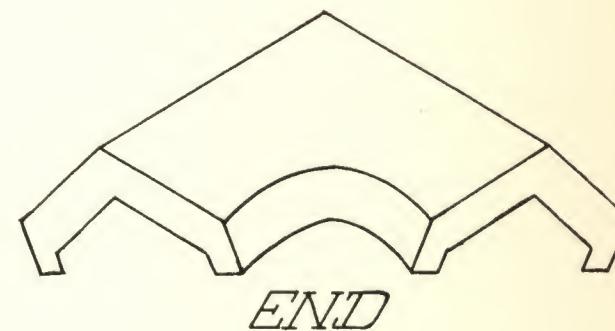
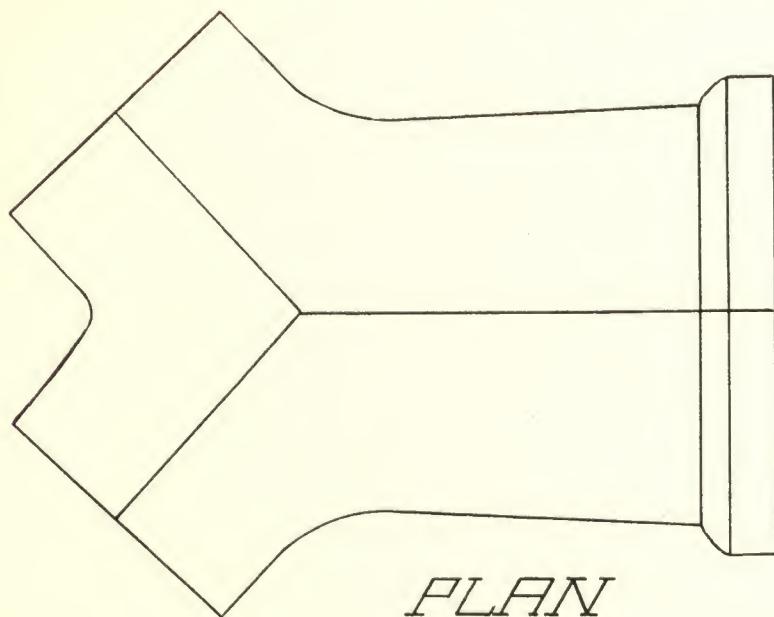


PLAN



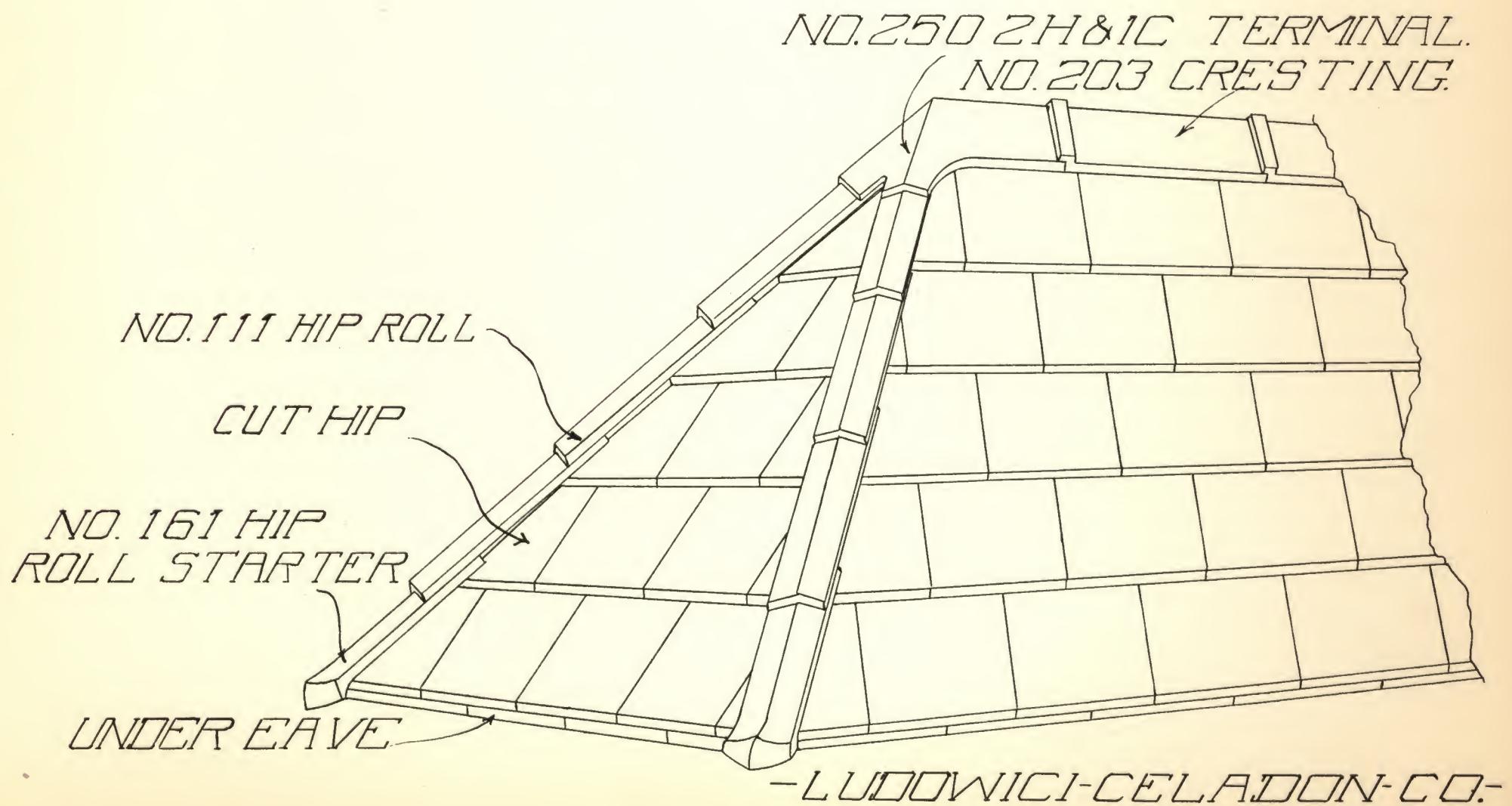
SECTION

NO. 250 TERMINAL FOR #118 HIP ROLL AND #211 RIDGE
LUDOWICI-CELAFFON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



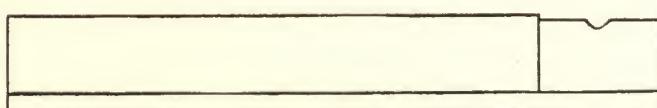


SKETCH OF "IMPERIAL" CLOSED SHINGLE TILE SHOWN
WITH CUT HIPS, NO. 111 HIP ROLL, NO. 161 HIP ROLL
STARTERS, NO. 203 CRESTING AND NO. 250 2H&1C
TERMINAL.

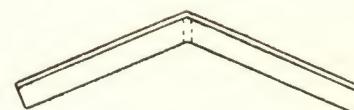




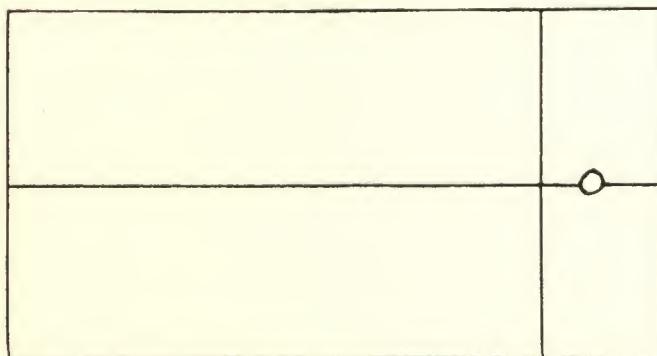
*NO 111 HIP ROLL
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"*



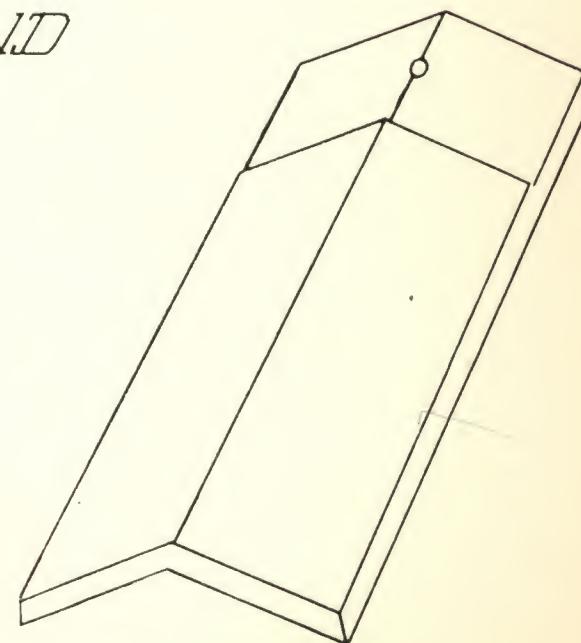
SIDE



END



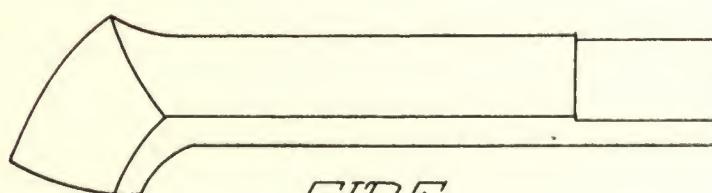
PLAN



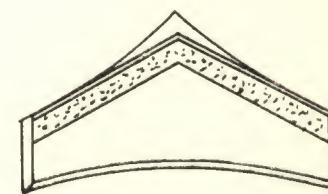
SKETCH



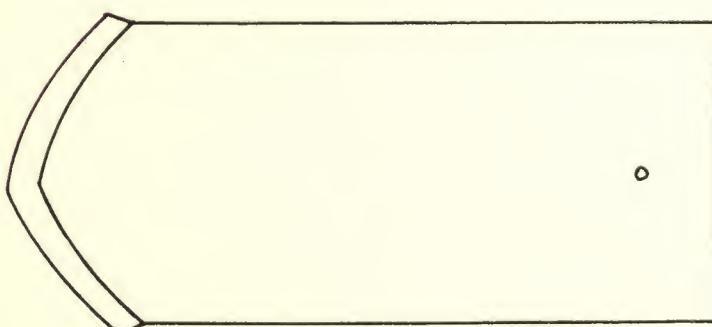
*NO. 161 HIP STARTER
LUDOWICI-CELADON CO
SCALE 3" EQUAL 1'-0"*



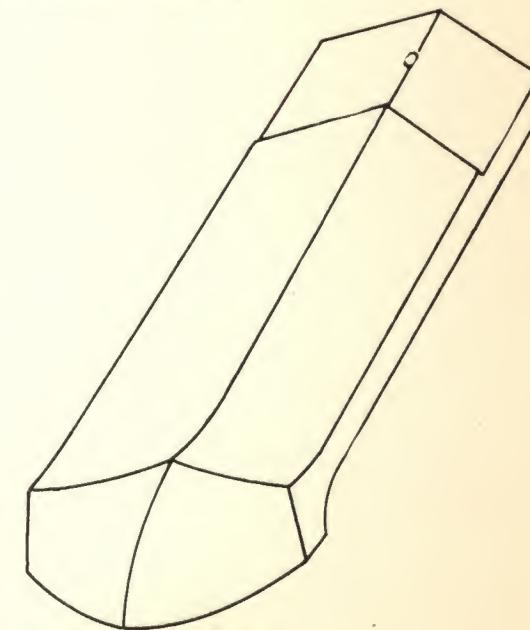
SIDE



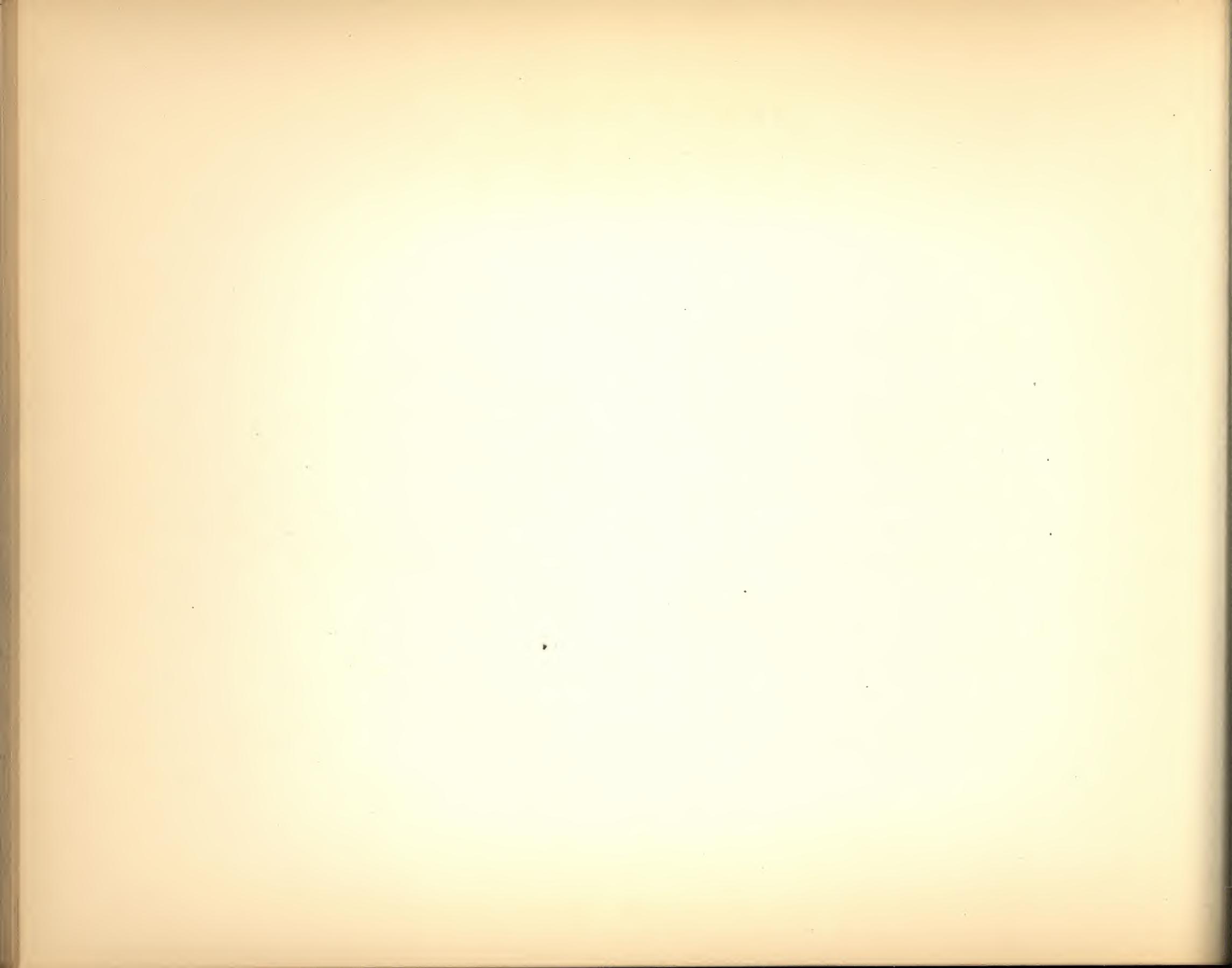
SECTION



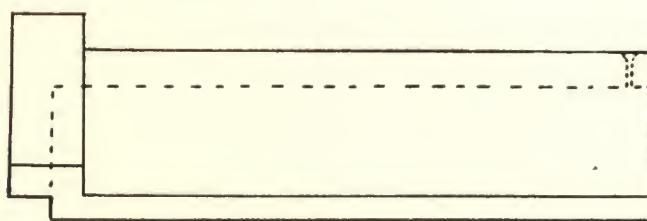
PLAN



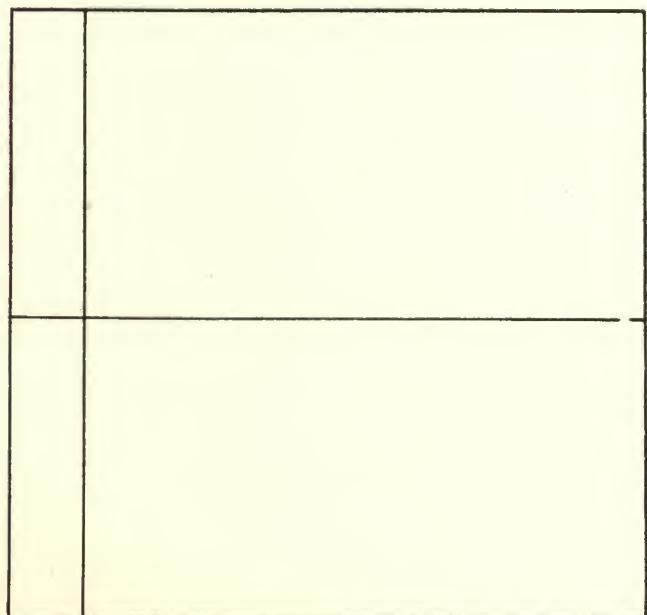
SKETCH



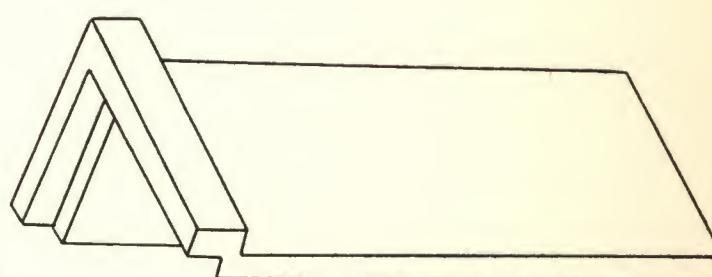
*NO. 203 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 10"*



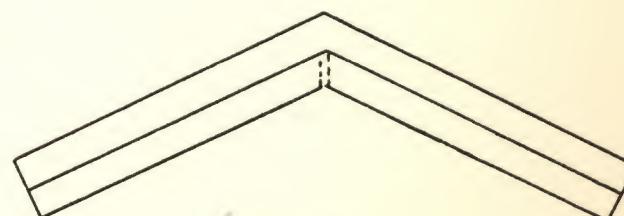
SIDE



PLAN



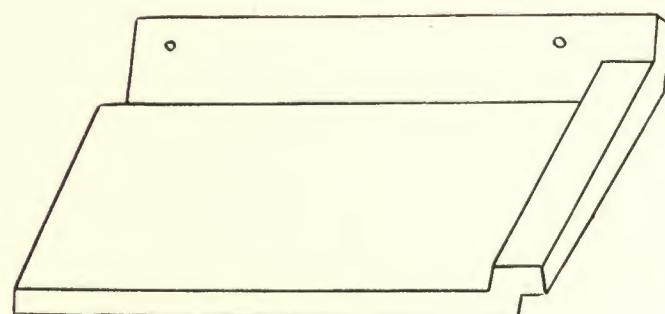
SKETCH



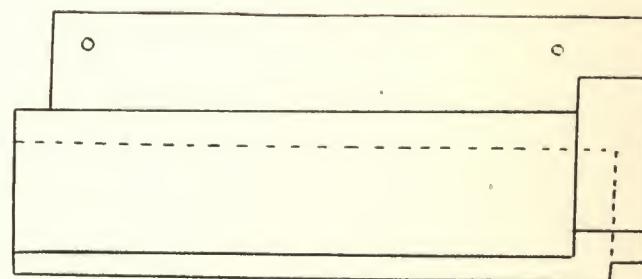
END



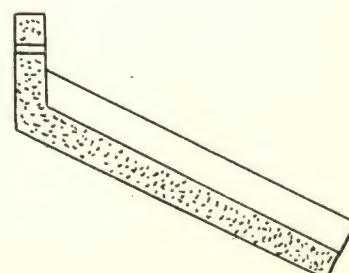
NO. 203 DECK MOULD RAISED FLANGE
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1-0"



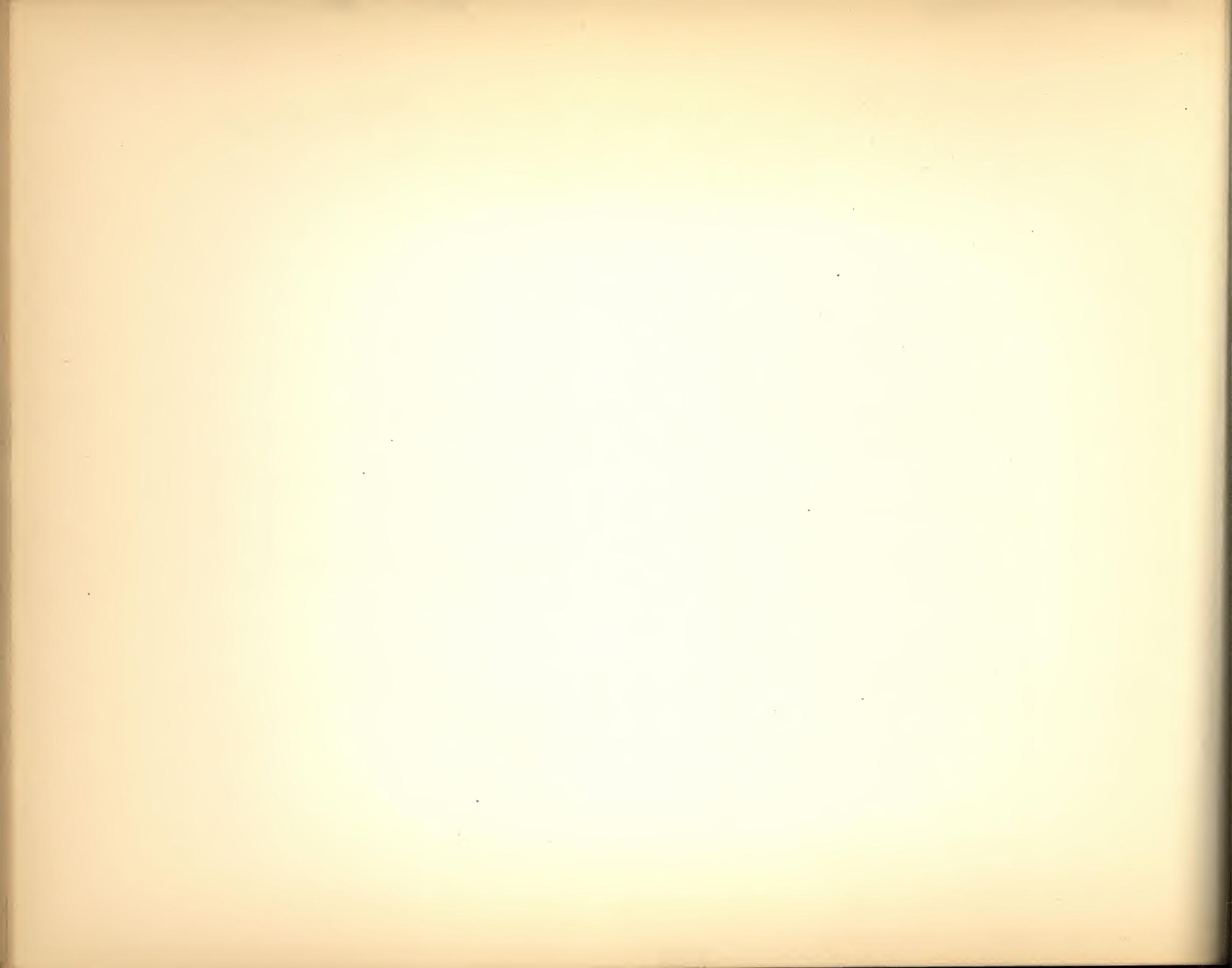
SKETCH



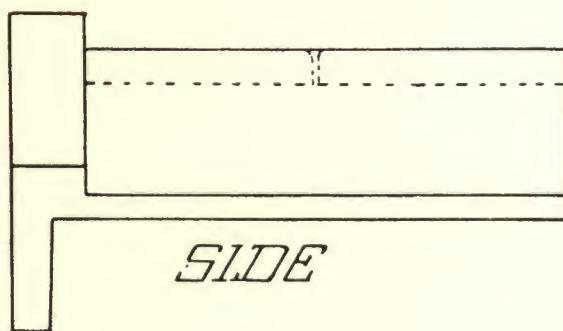
SIDE



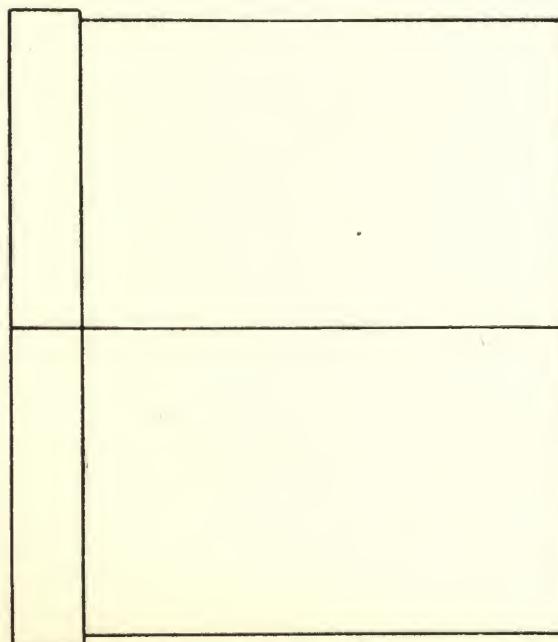
SECTION



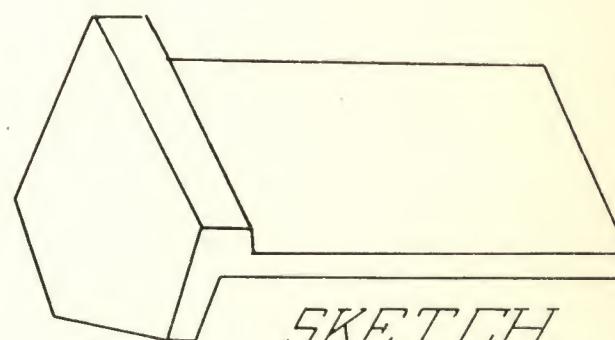
NO 203 CLOSED RIDGE END
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 10"



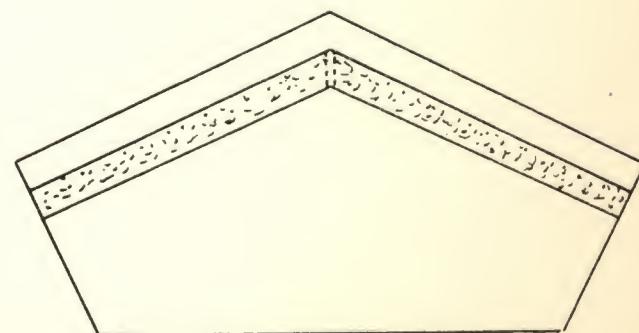
SIDE



PLAN

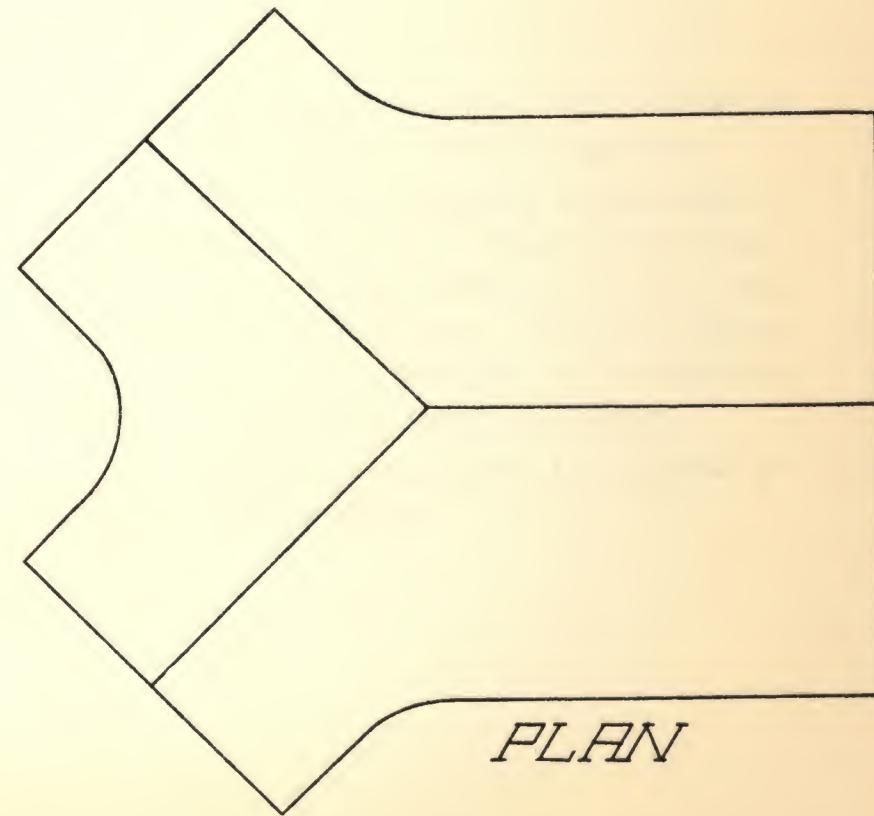
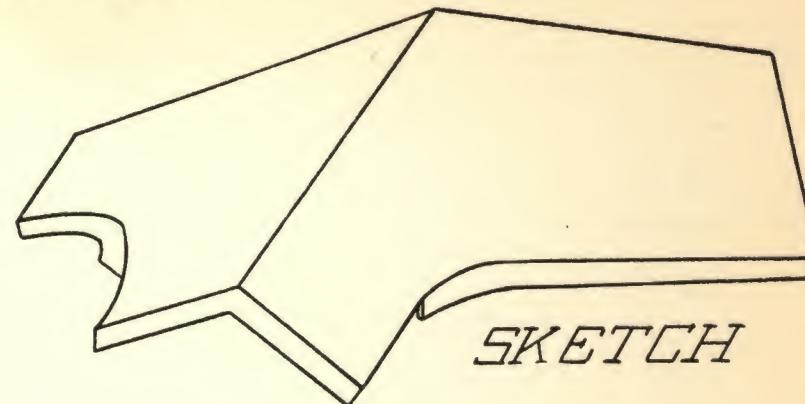
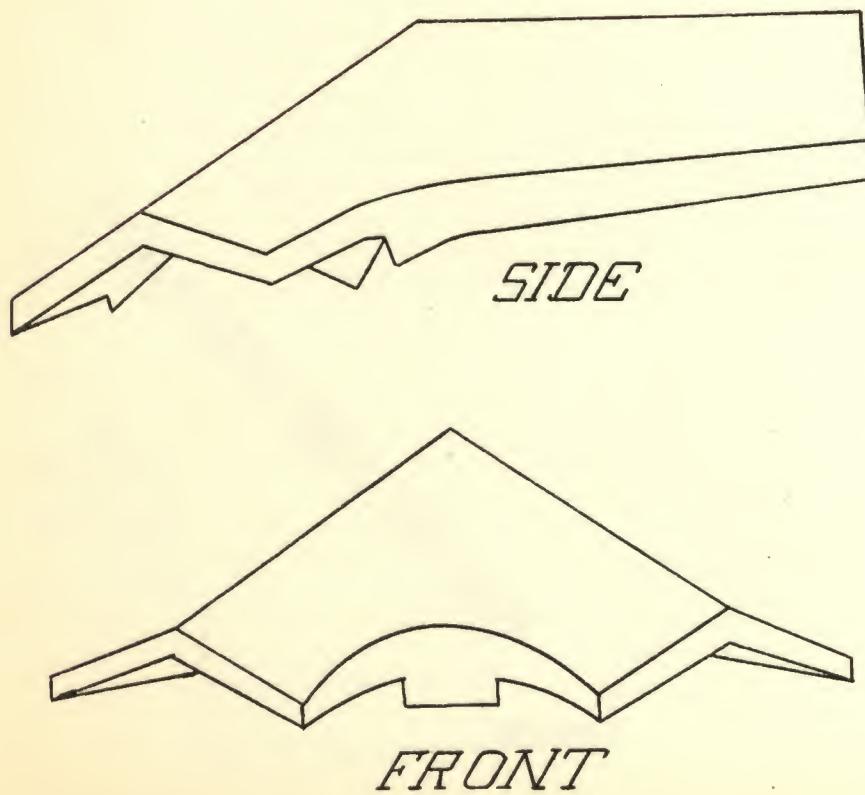


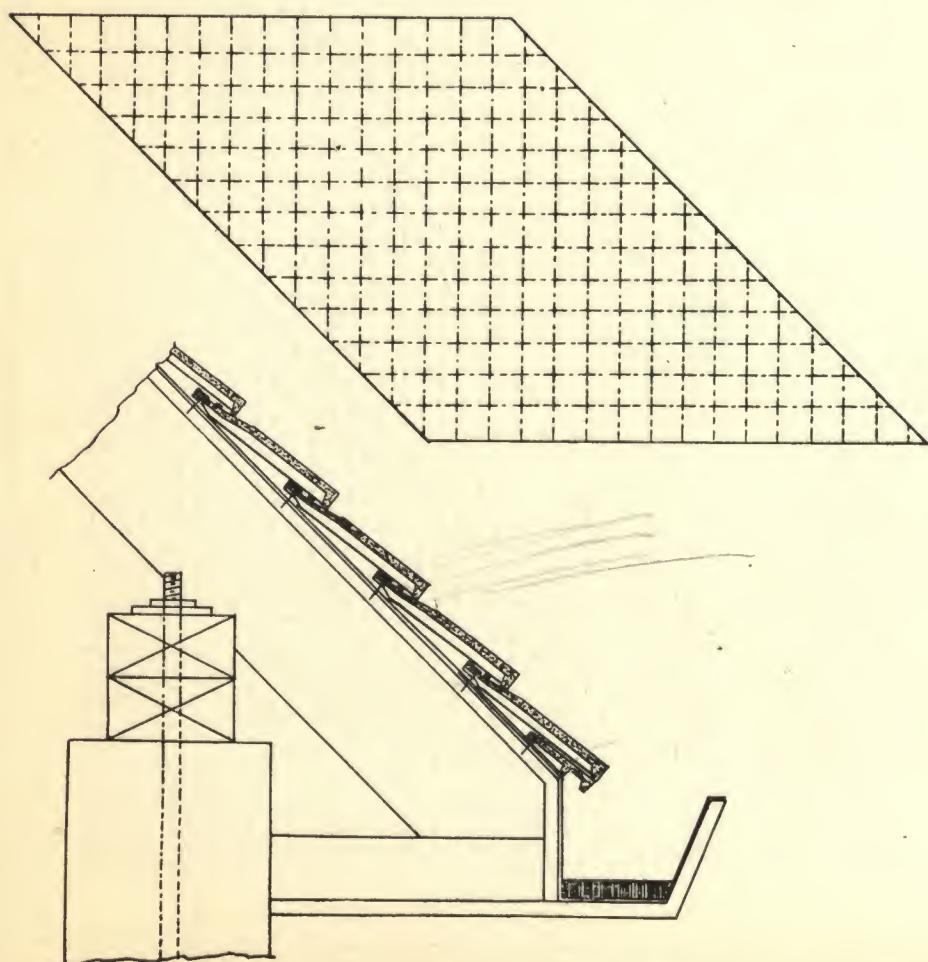
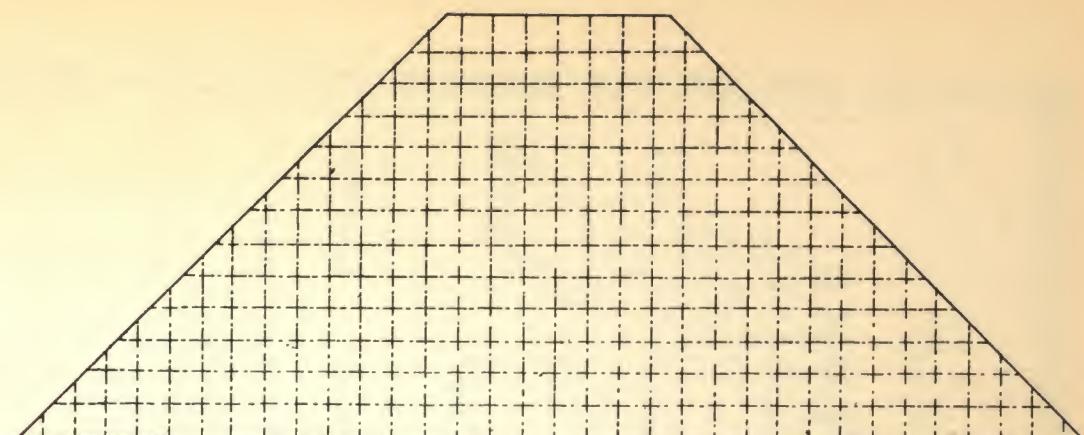
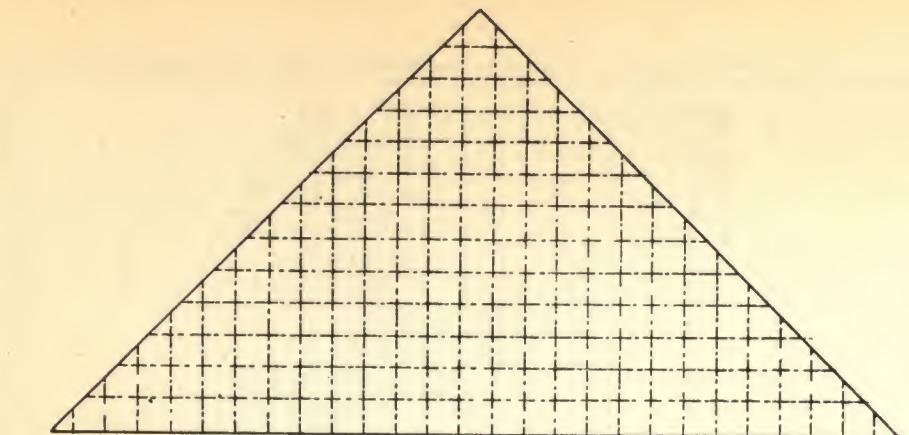
SKETCH



SECTION

NO. 250 ZH4C TERMINAL FOR #11 HIP ROLL AND #203 RIDGE
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 10"

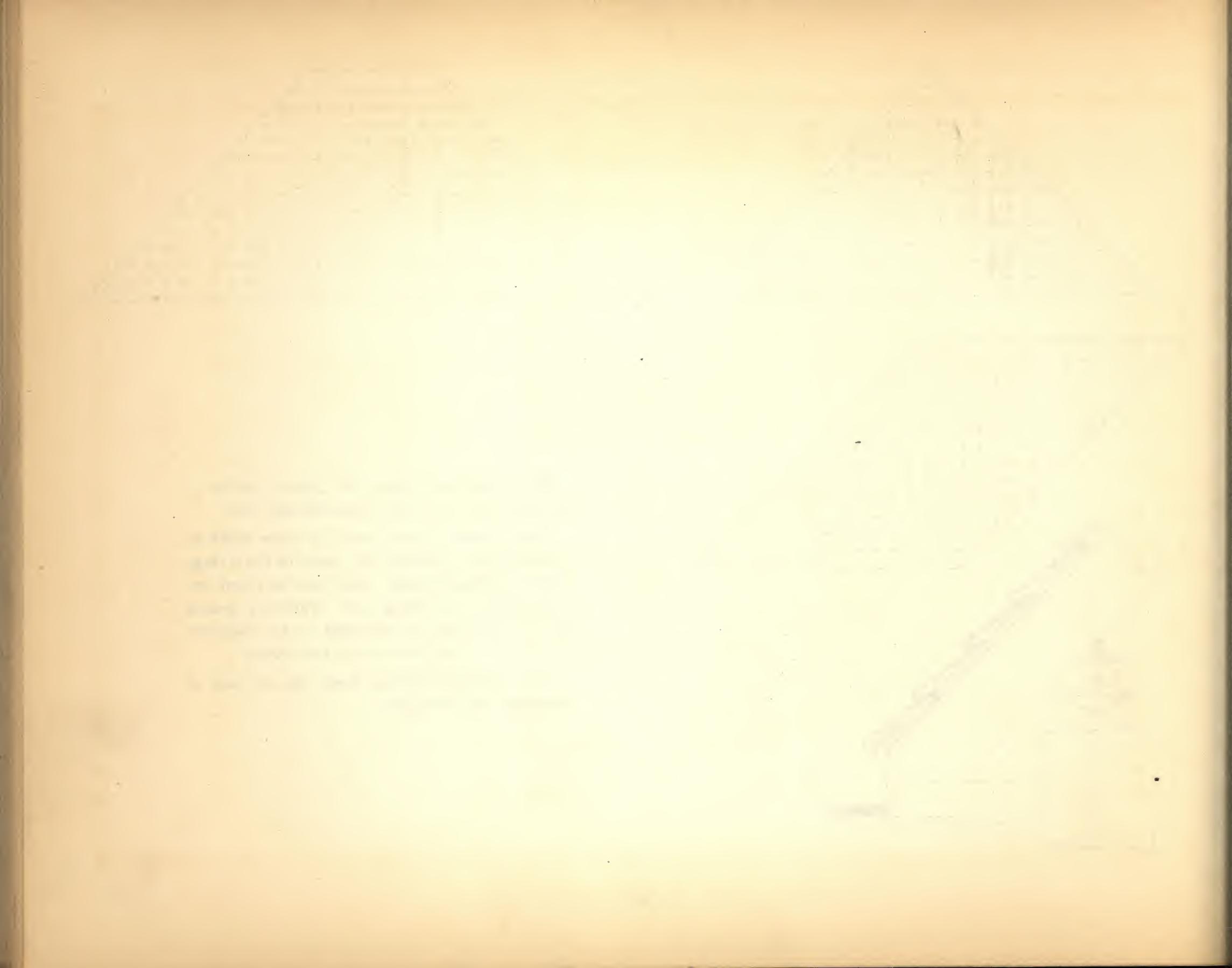


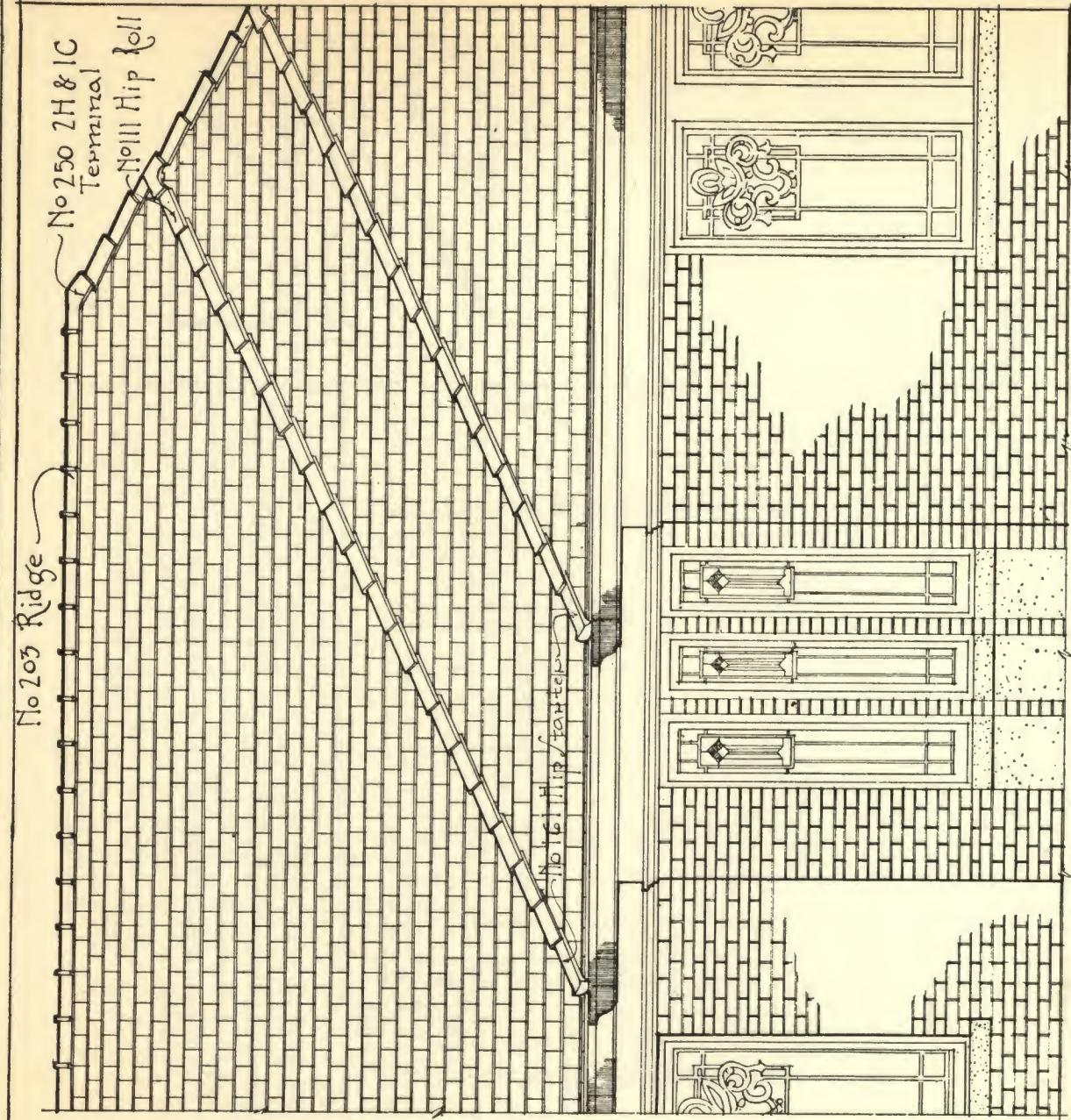


These illustrations show the proper method of lining roof for "Imperial" Closed Shingle Tile.

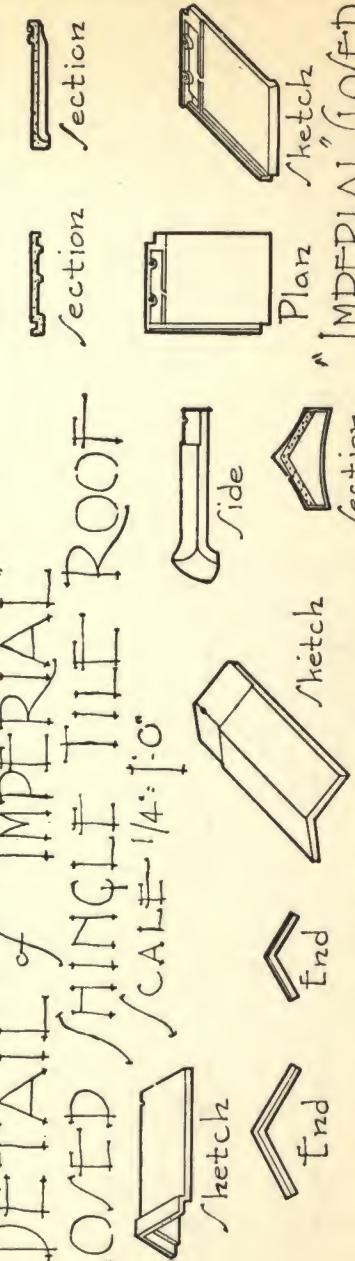
These tile lay approximately 8 inches width by 8 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.





DETAIL of "IMPERIAL"
CLOSED SHINGLE TILE ROOF
SCALE 1/4: 1'-0"



No 203 (RE)STING & No 111 Hip Roll & No 111 Hip/Rip/STARTER
SCALE of DETAIL / 2' 6" 3' 0" 1' 2" 6" 3' 0" 2' 1" 1' 2"

LUDOWICI-CELA DON COMPANY

DETAILS OF
"IMPERIAL" CLOSED
SHINGLE TILE

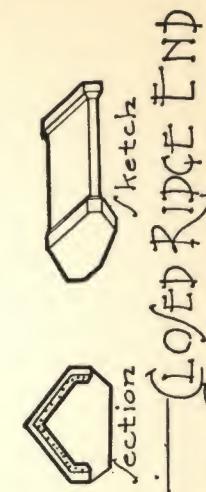
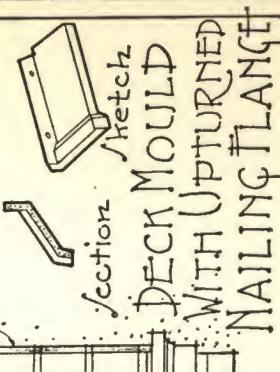
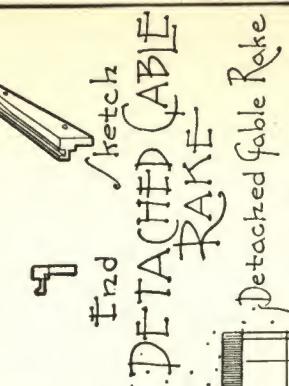
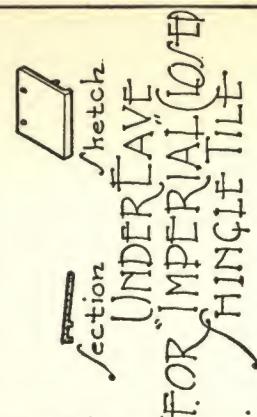
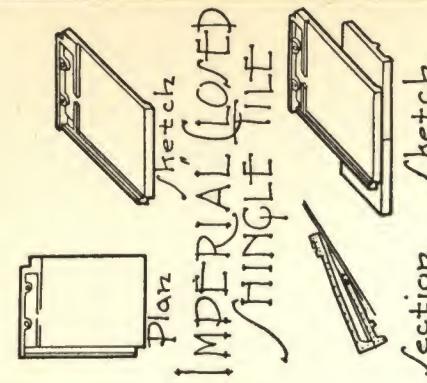
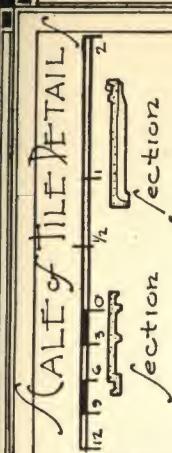
MFG'D
TERRA COTTA
ROOFING TILE

GENERAL OFFICES
104 S. MICHIGAN AVE
CHICAGO ILL.

GILLOCK HARRIS, Archit. Del.

THE HISTORY OF
THE
PROVINCE OF
CONGO

BY
J. B. DE LA GRANGE
TRANSLATED
INTO
ENGLISH
BY
J. B. DE LA GRANGE



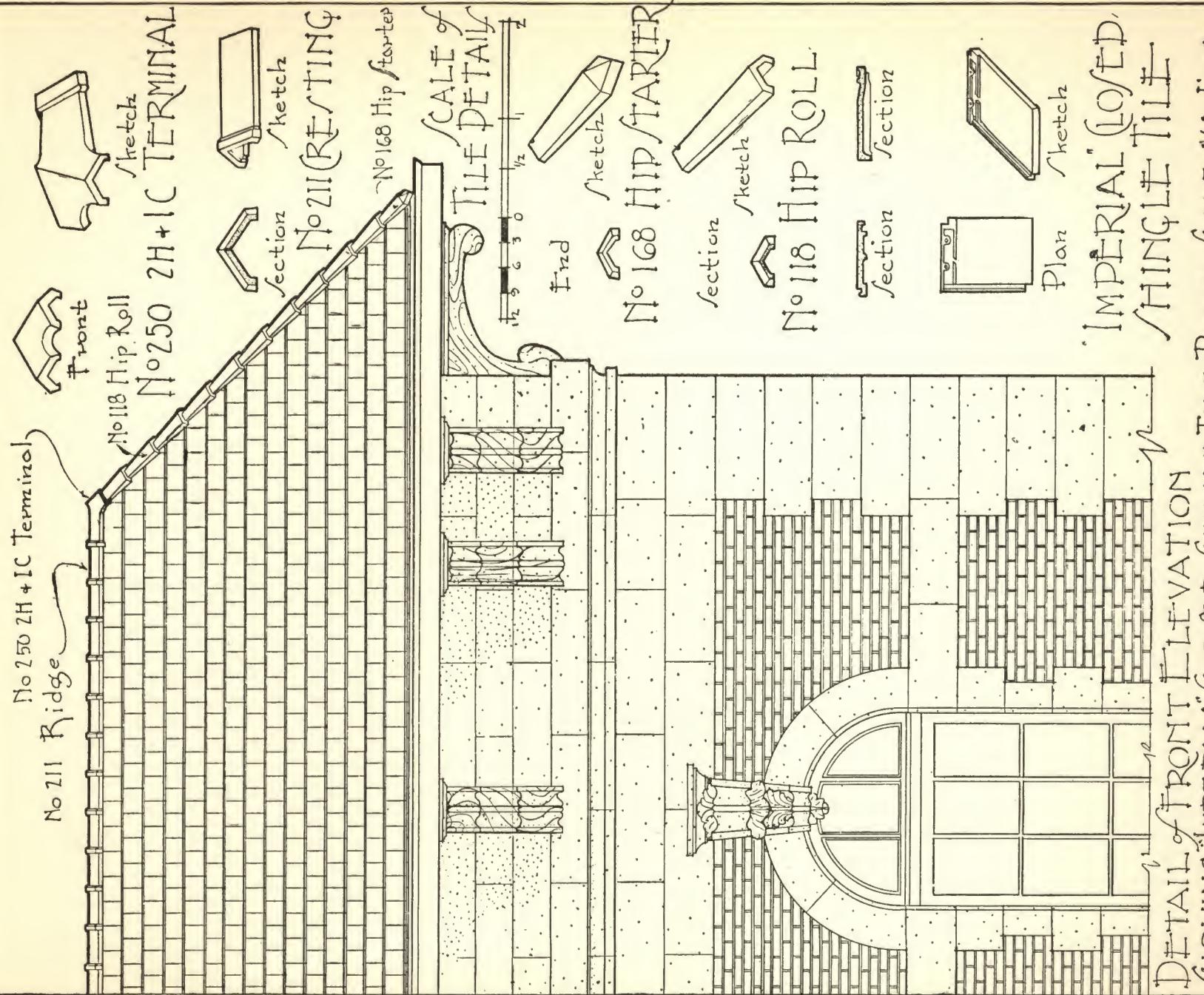
LUDOWICI-CELA DON COMPANY

DETAILS OF
"IMPERIAL CLOSED
SHINGLE TILE

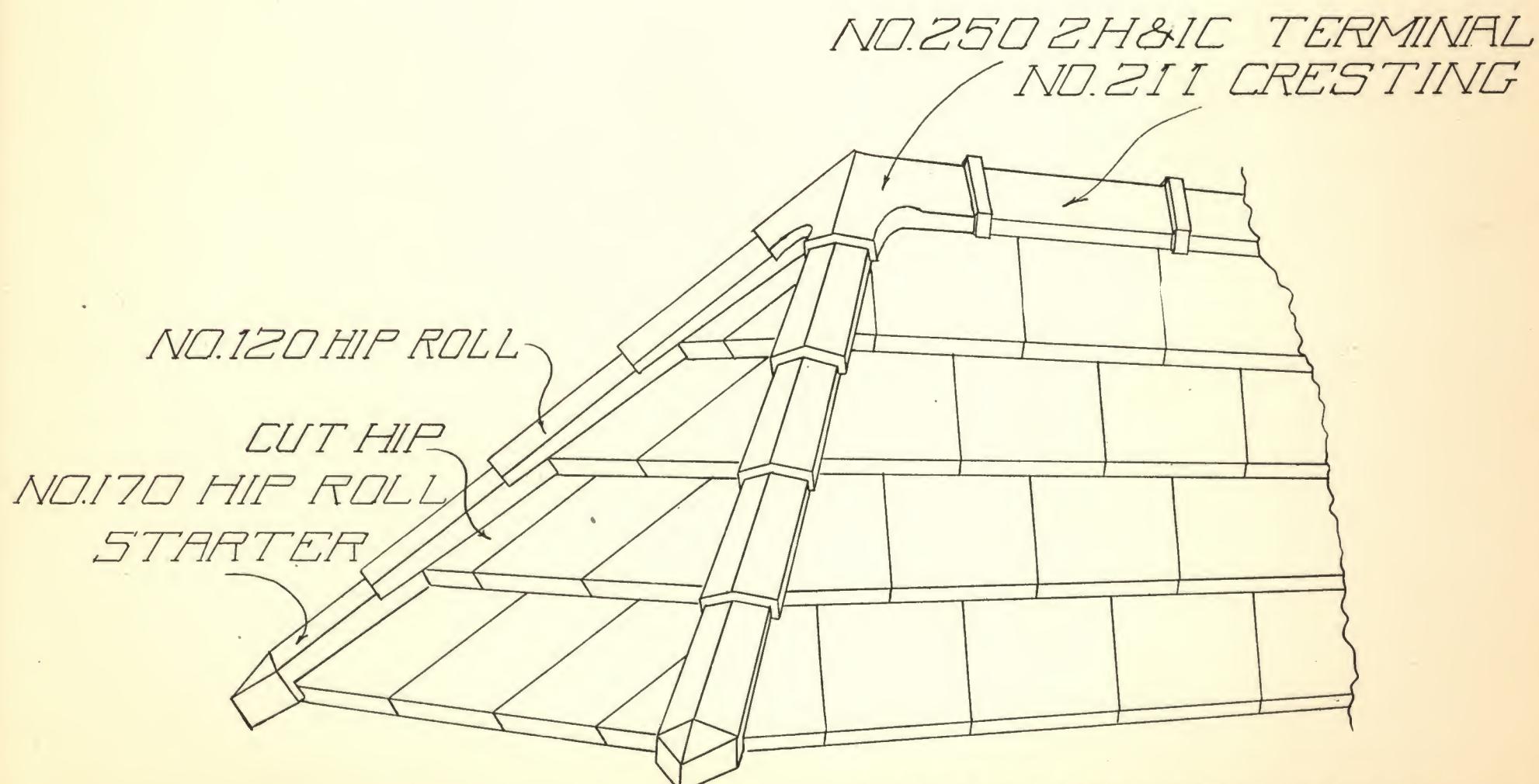
MANUFACTURERS
TERRACOTTA
ROOFING TILES

GENERAL OFFICES
104 S. MICHIGAN AV.
(CHICAGO) ILL.

G. L. LOCKHART - Del.



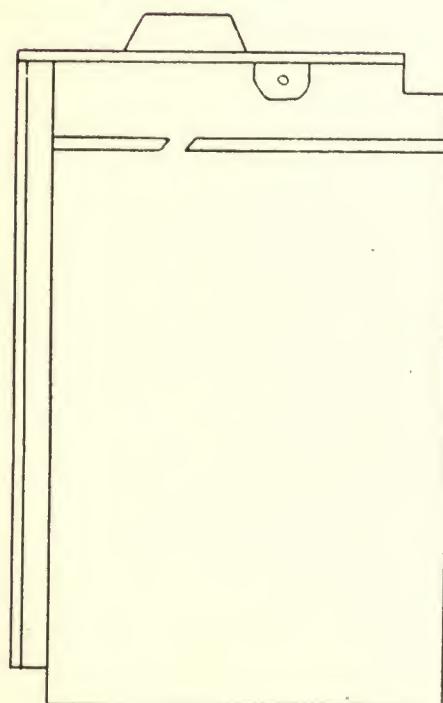
SKETCH OF "IMPERIAL" ENGLISH TILE SHOWN
WITH CUT HIPS, NO. 120 HIP ROLL, NO. 170 HIP ROLL
STARTERS, NO. 211 CRESTING AND NO. 250 2H&IC
TERMINAL.



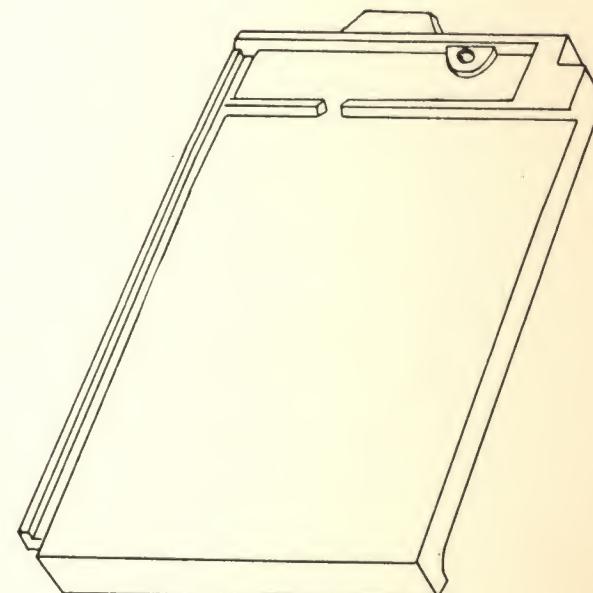
-LUDOWICI-CELADON-CO-



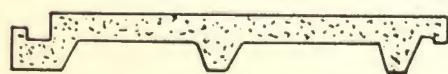
"IMPERIAL" ENGLISH TILE
LUDOWICI-CELADON CO.
SCALE 3' EQUAL 1-0"



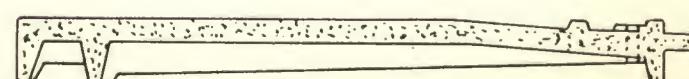
PLAN



SKETCH



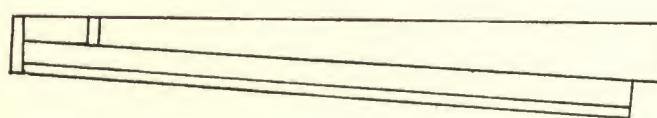
SECTION



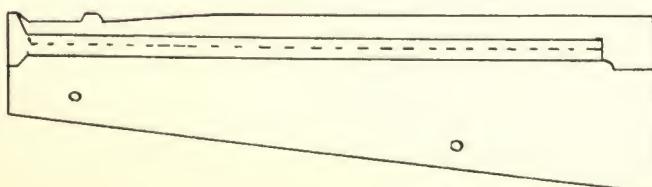
SECTION



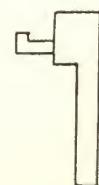
DETACHED GABLE RAKE
FOR
"IMPERIAL" ENGLISH TILE
LUDOWICI-CELAQON CO.
SCALE 3" EQUAL 1-0"



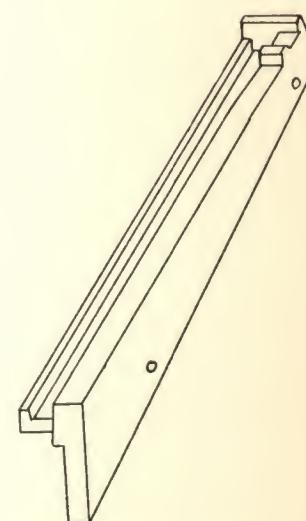
PLAN



SIDE



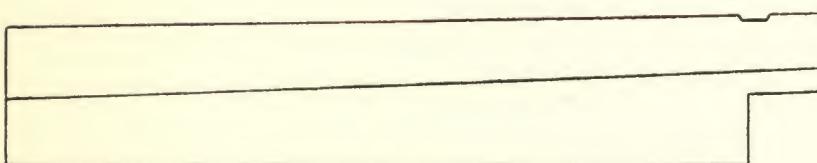
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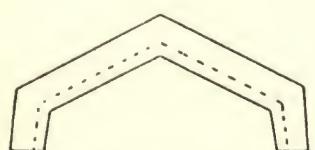
SKETCH



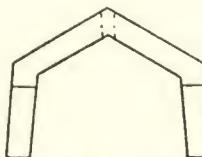
NO. 120 HIP ROLL
LUDOWICI-CELAZON CO.
SCALE 3" EQUAL 1-0"



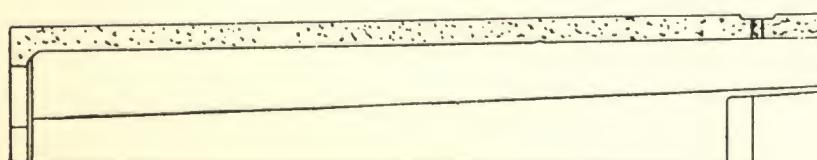
SIDE



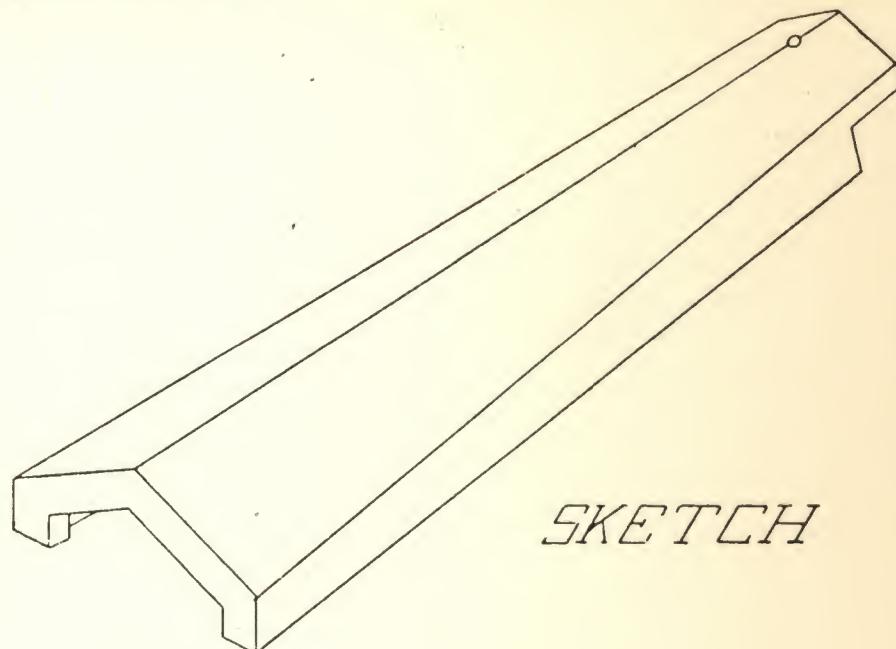
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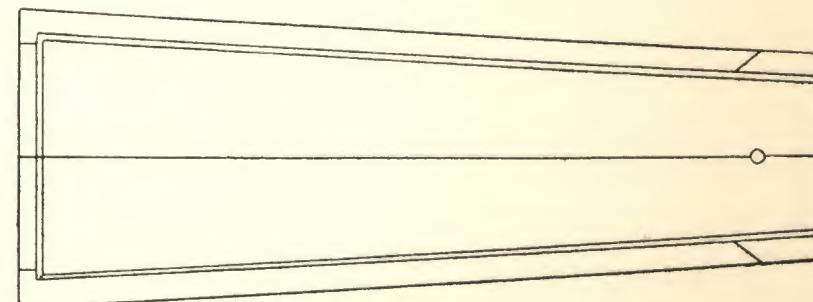
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SECTION



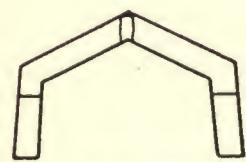
SKETCH



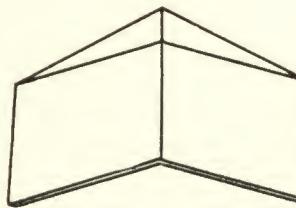
PLAN



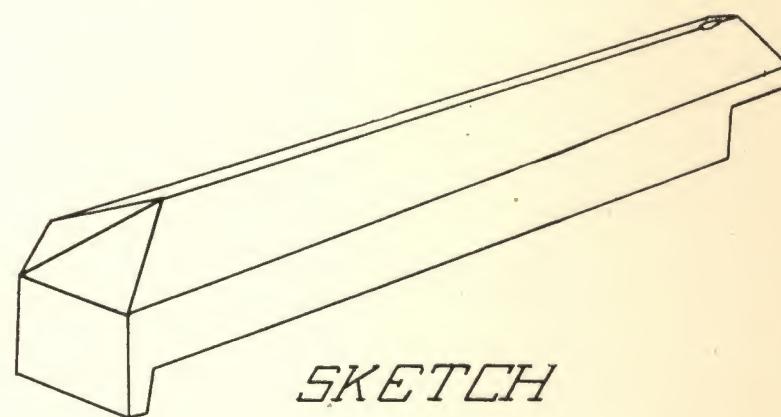
NO. 170 HIP STARTER
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 10"



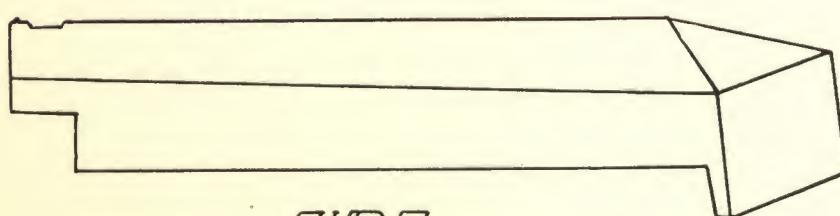
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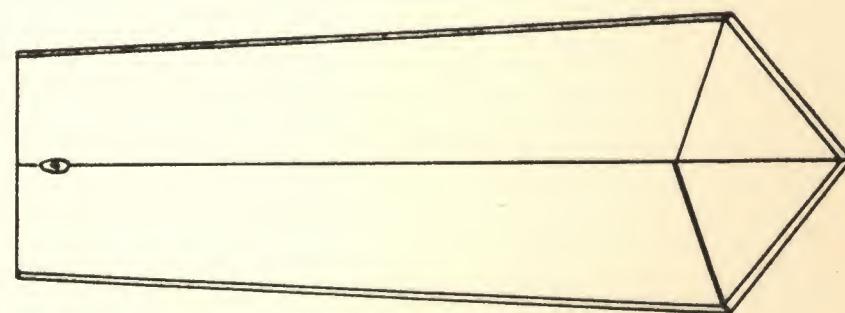
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SKETCH



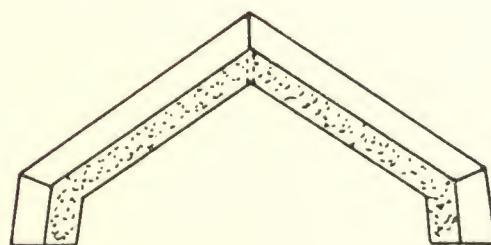
SIDE



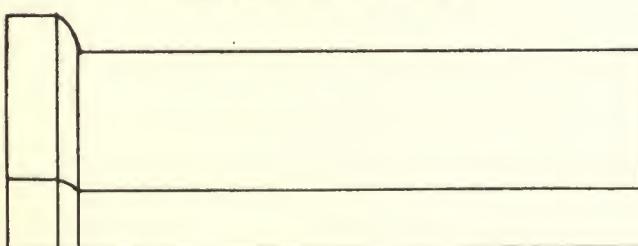
PLAN



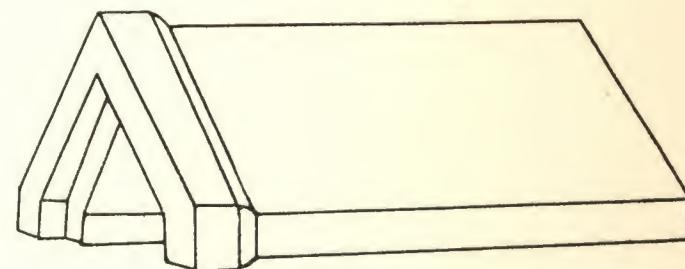
NO. 211 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE



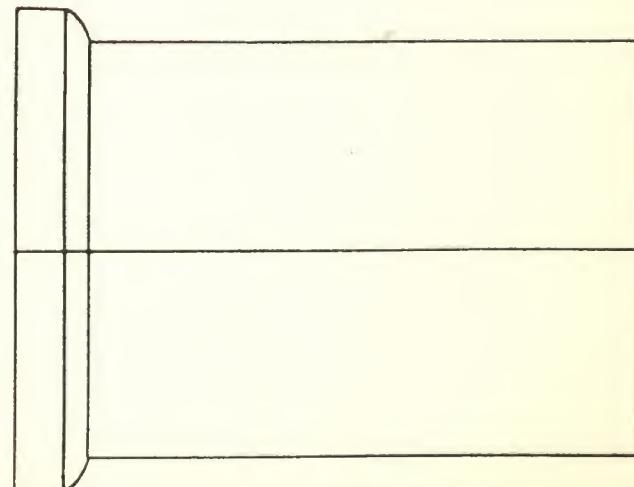
SECTION



SIDE



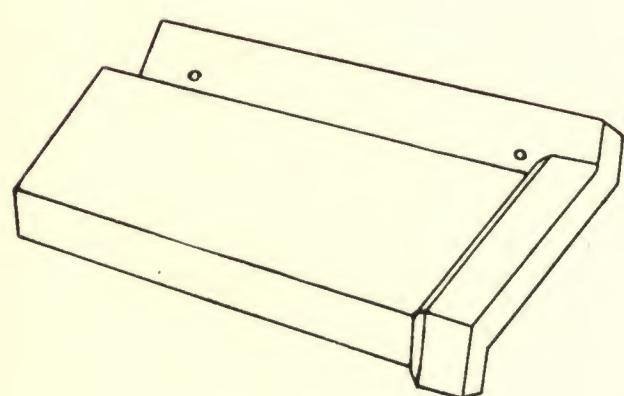
SKETCH



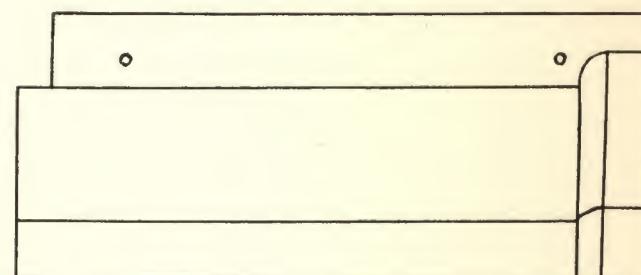
PLAN



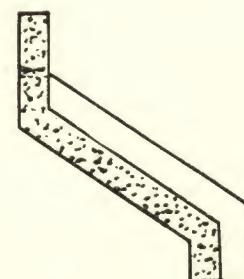
NO. 211 DECK MOULD RAISED FLANGE
LUDOWICI-CELA DON CO.
SCALE 3' EQUAL 1-0"



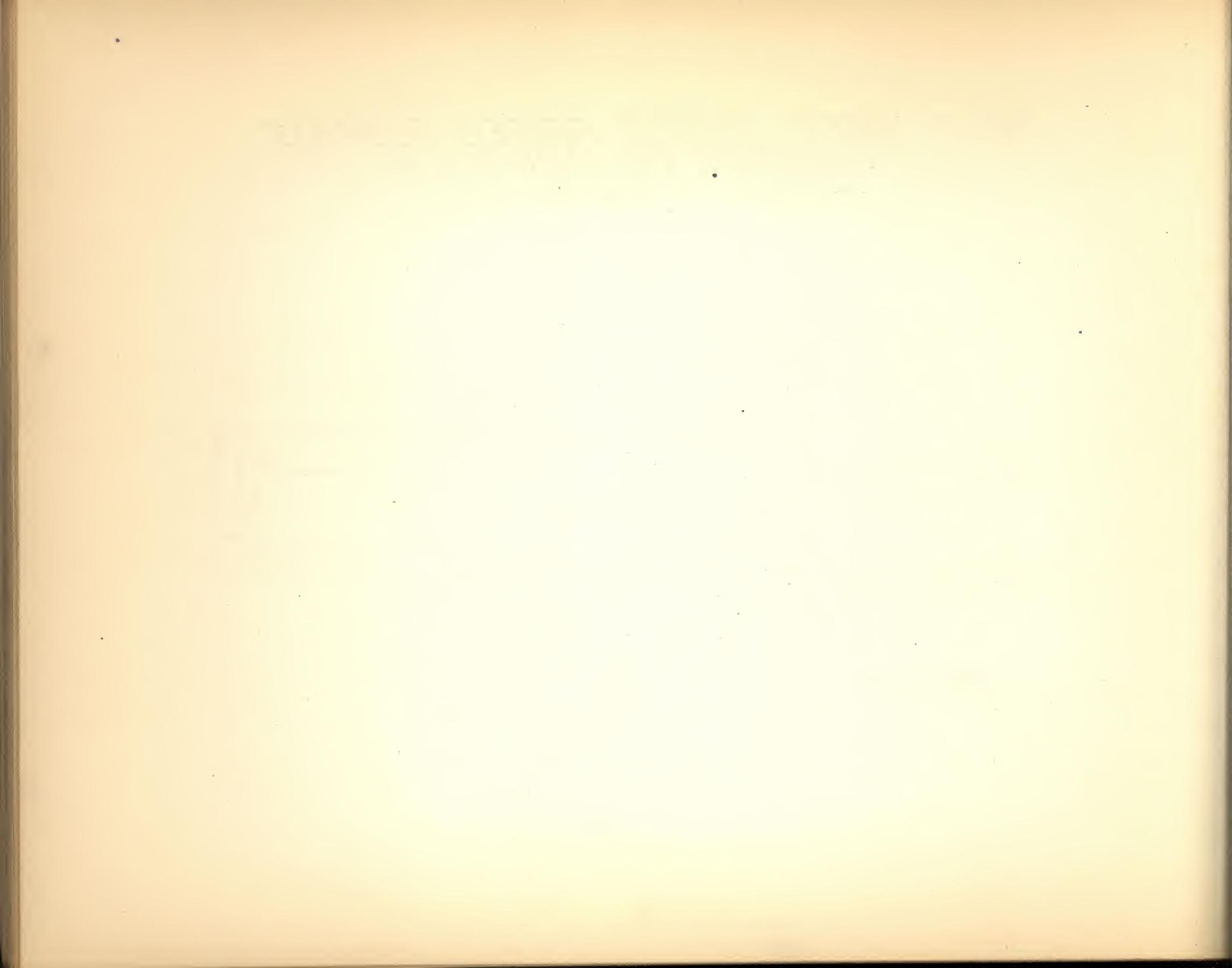
SKETCH



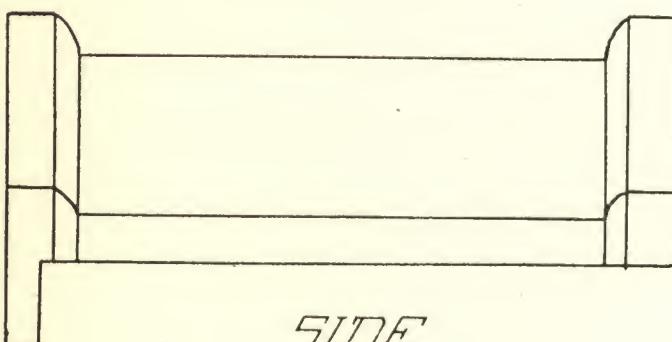
SIDE



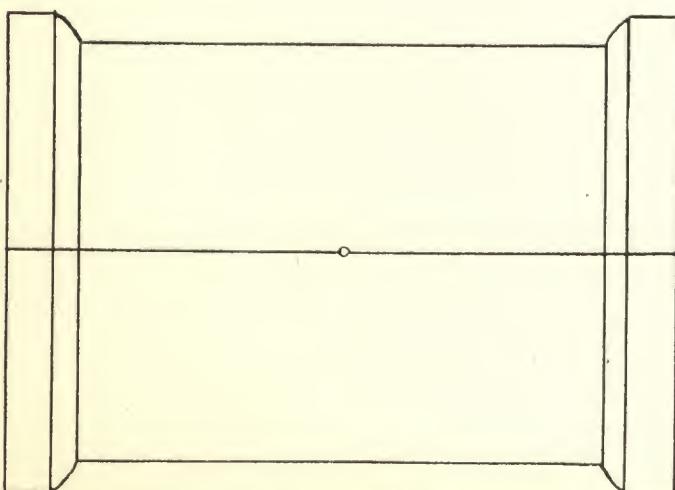
SECTION



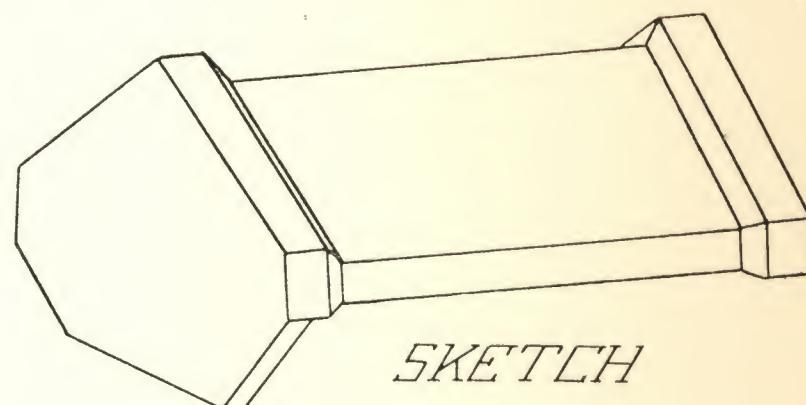
*NO. 211 CLOSED RIDGE END
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"
TO BE USED WITH
"IMPERIAL" CLOSED SHINGLE TILE*



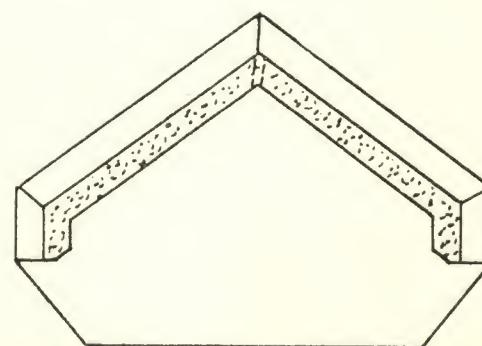
SIDE



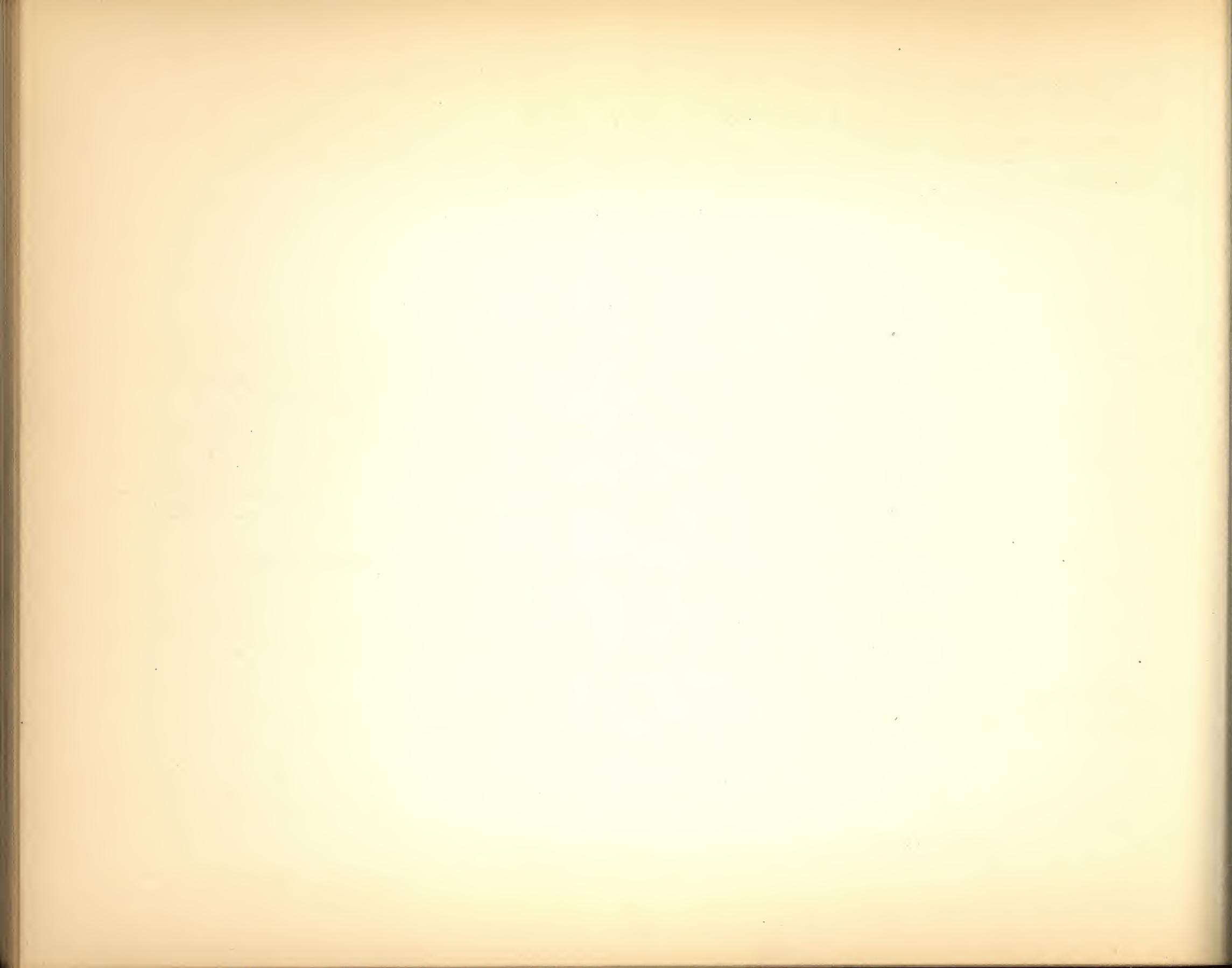
PLAN



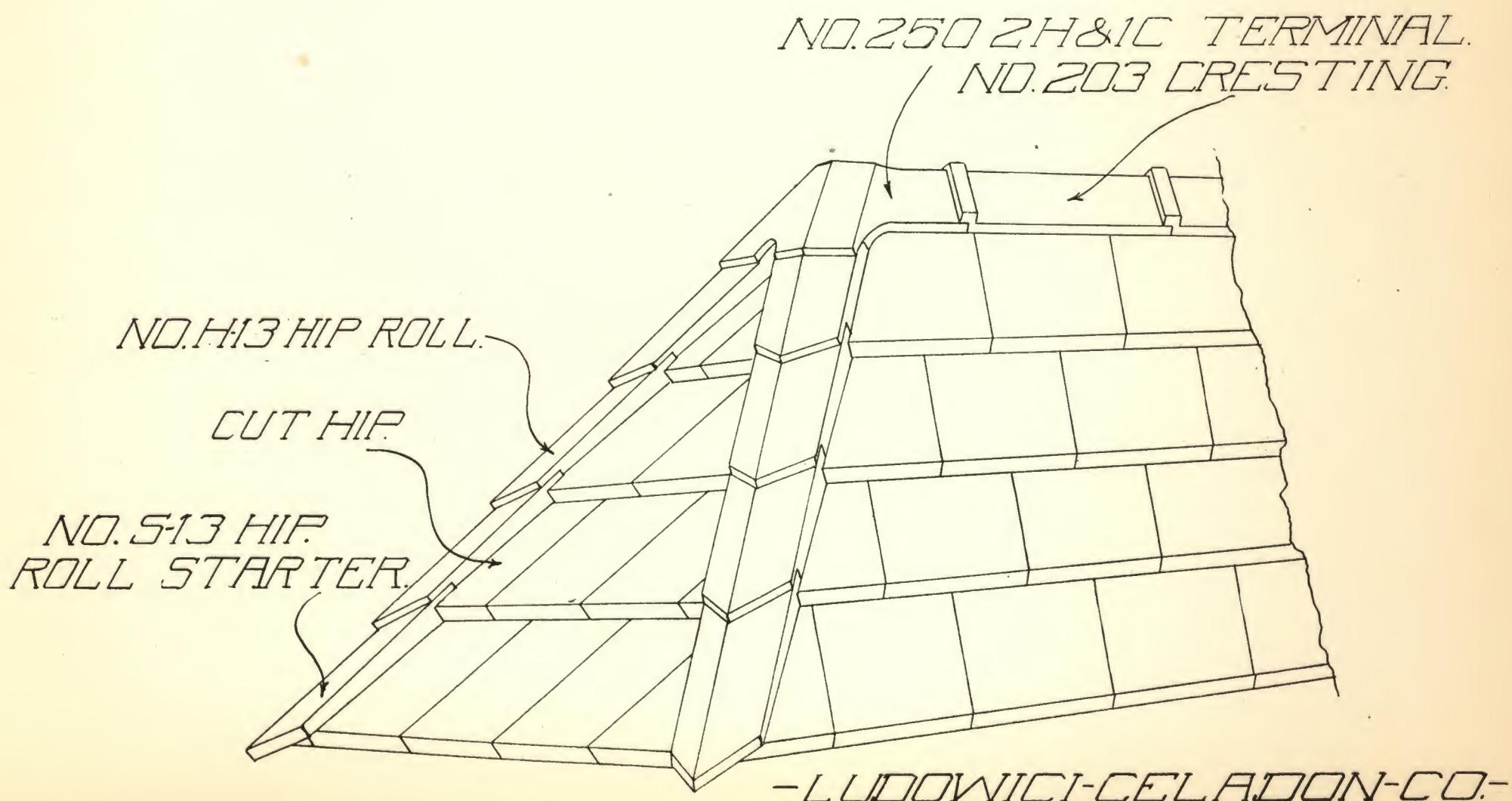
SKETCH



SECTION

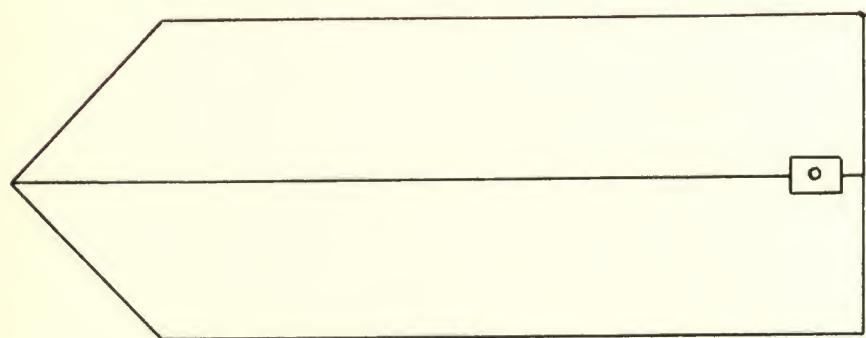


*SKETCH OF "IMPERIAL" ENGLISH TILE SHOWN
WITH CUT HIPS, NO. H-13 HIP ROLL, NO. S-13 HIP ROLL
STARTERS, NO. 203 CRESTING AND NO. 250 ZH&IC
TERMINAL.*

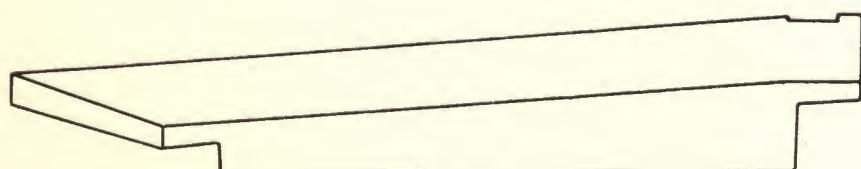




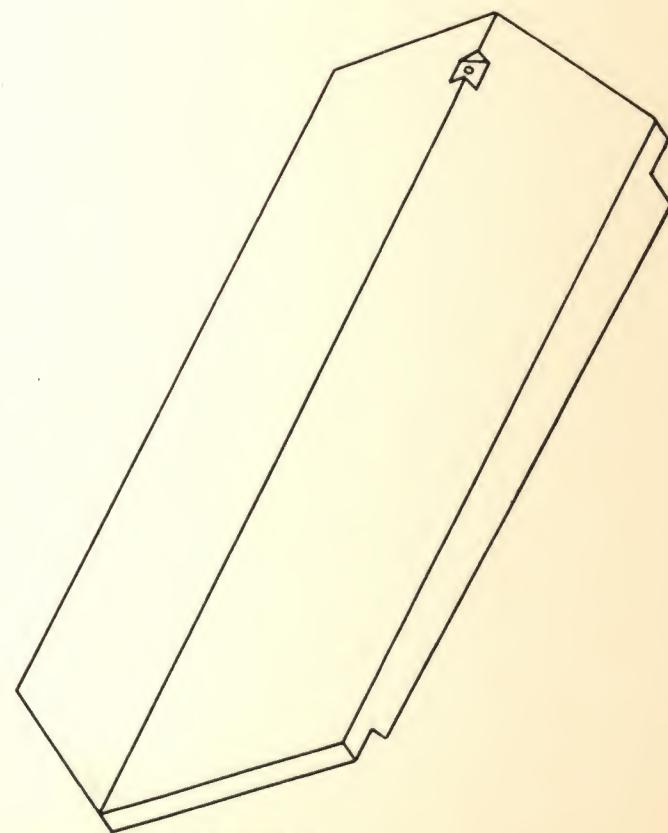
*HI3 HIP ROLL
LUDOWICI-CELA'DON CO.
SCALE EQUAL 1-0"*



PLAN



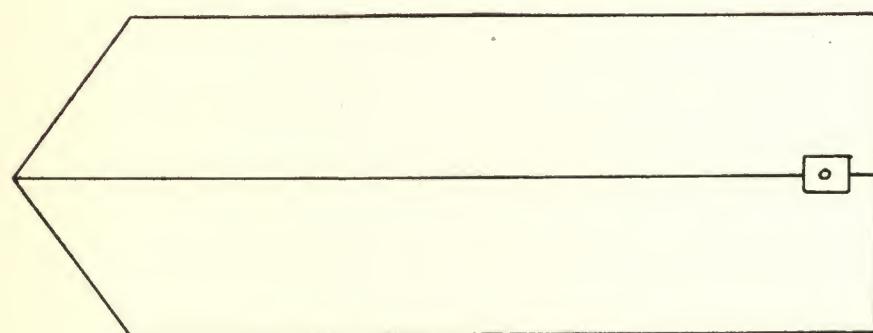
SIDE



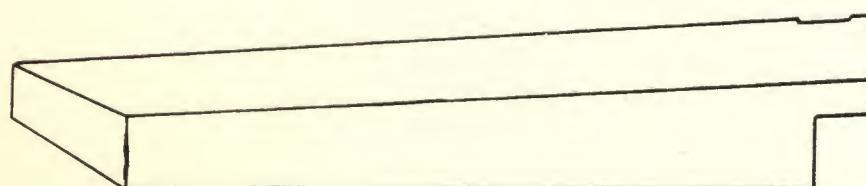
SKETCH



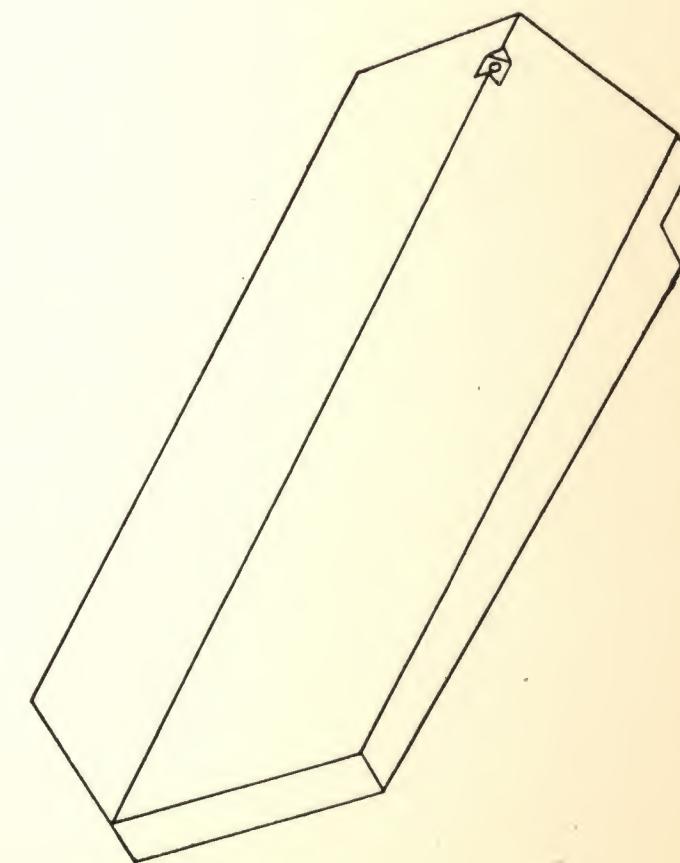
*S13 HIP STARTER
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 1'-0"*



PLAN

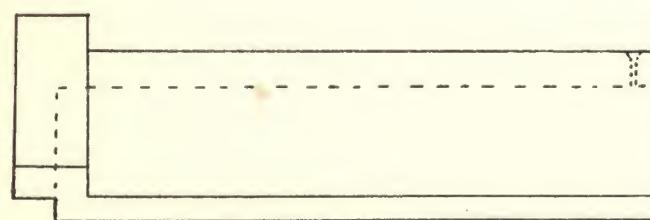


SIDE

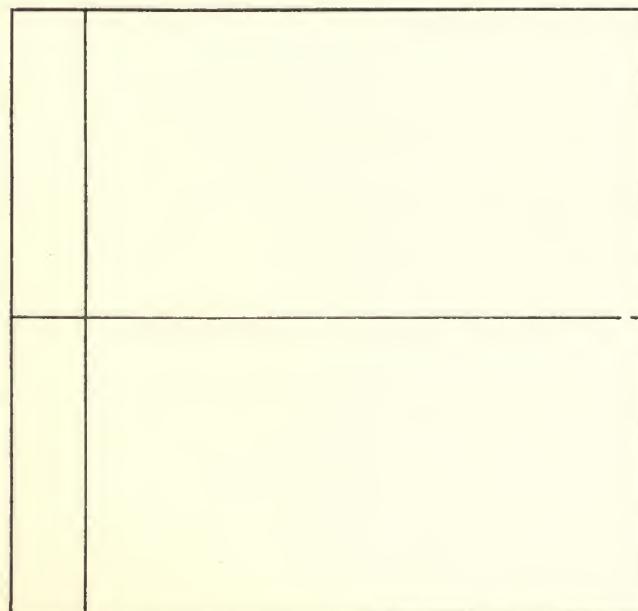


SKETCH

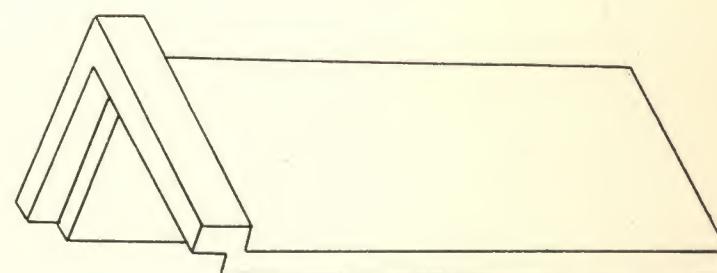
*NO.203 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 10"*



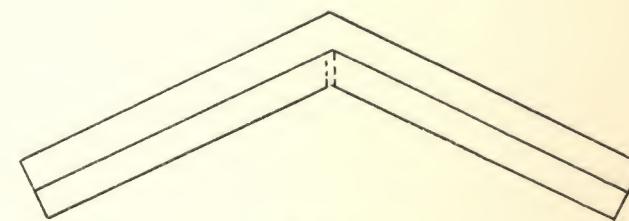
SIDE



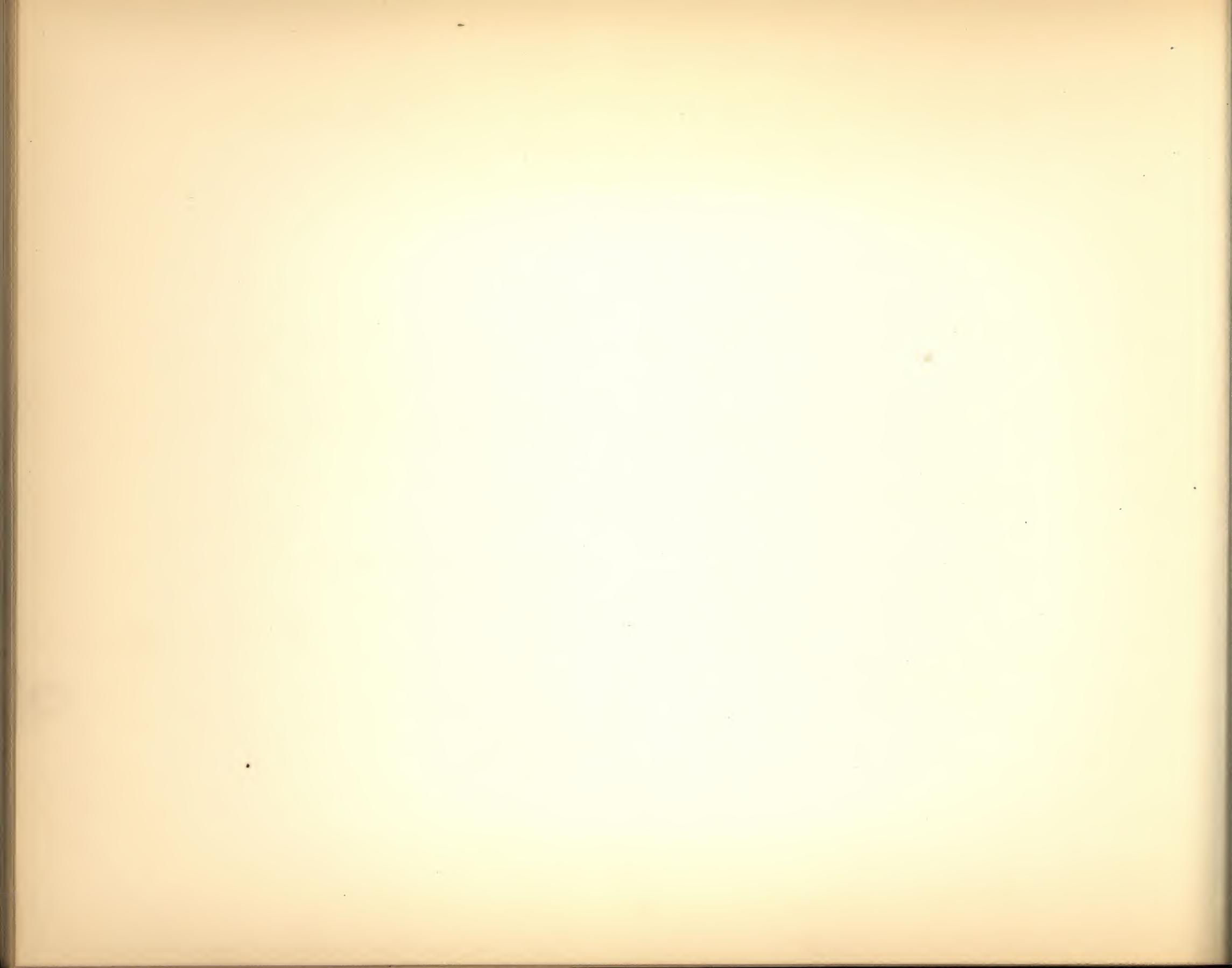
PLAN



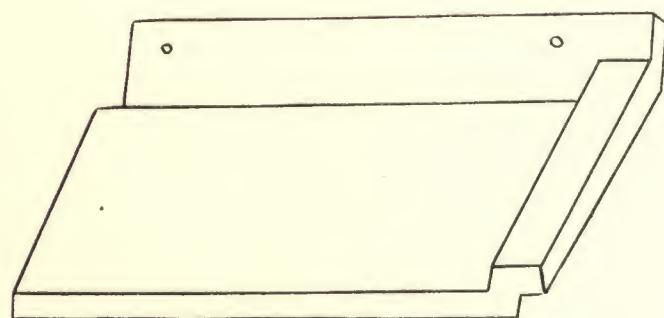
SKETCH



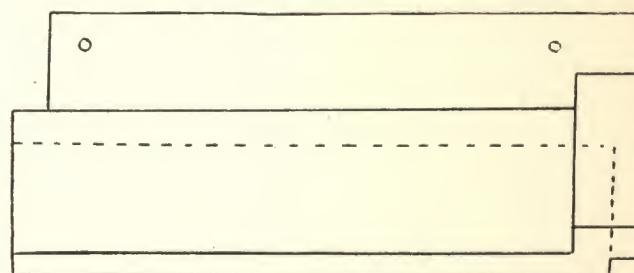
END



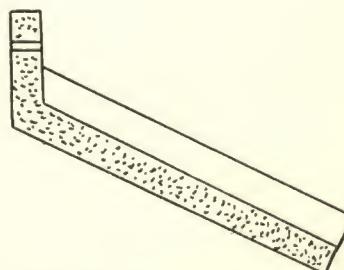
NO. 203 DECK MOULD RAISED FLANGE
LUDOWICI-CELA'DON CO.
SCALE 3" EQUAL 1-0"



SKETCH



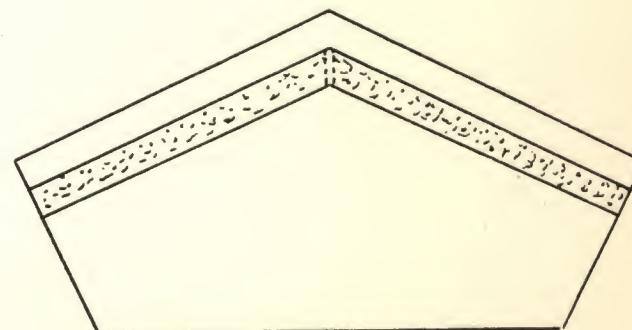
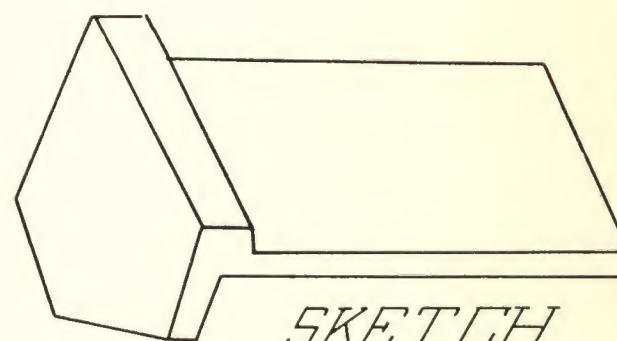
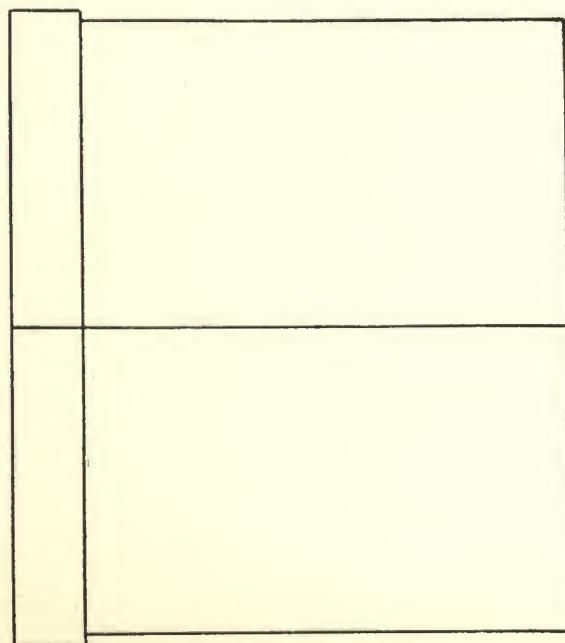
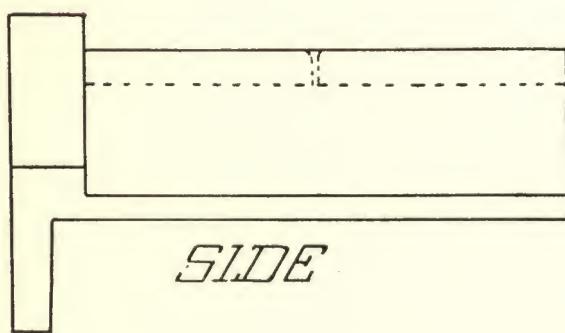
SIDE



SECTION

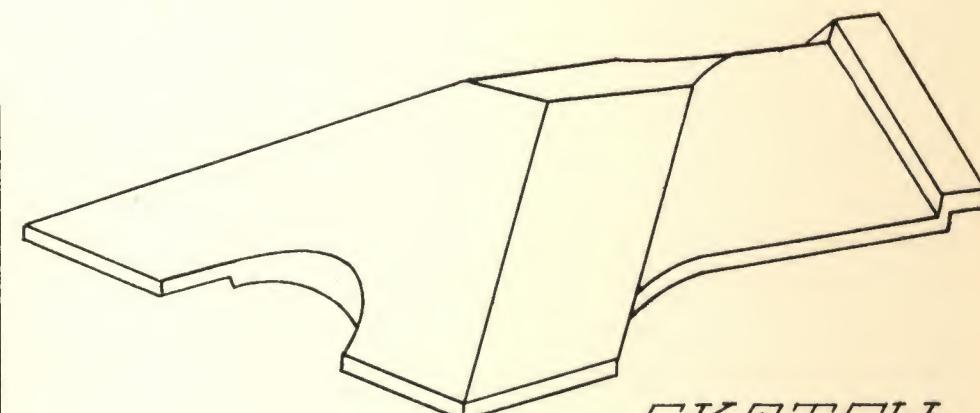
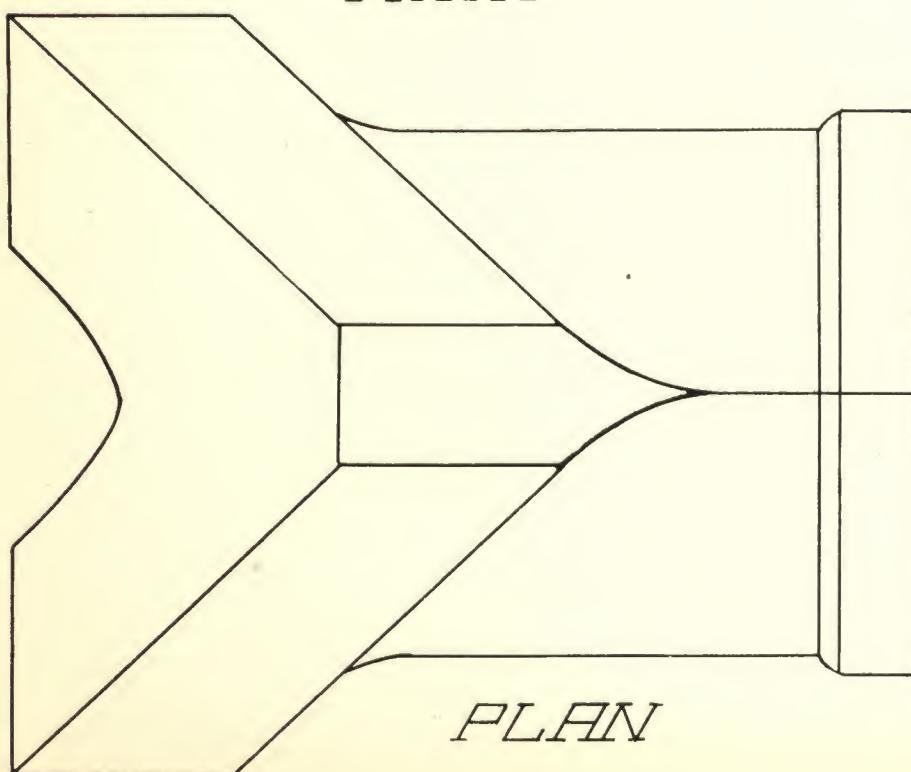
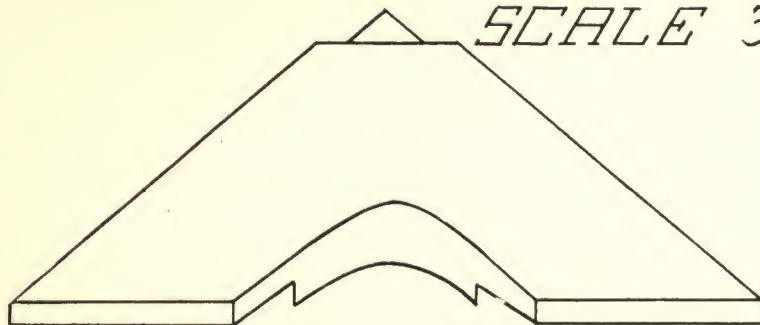


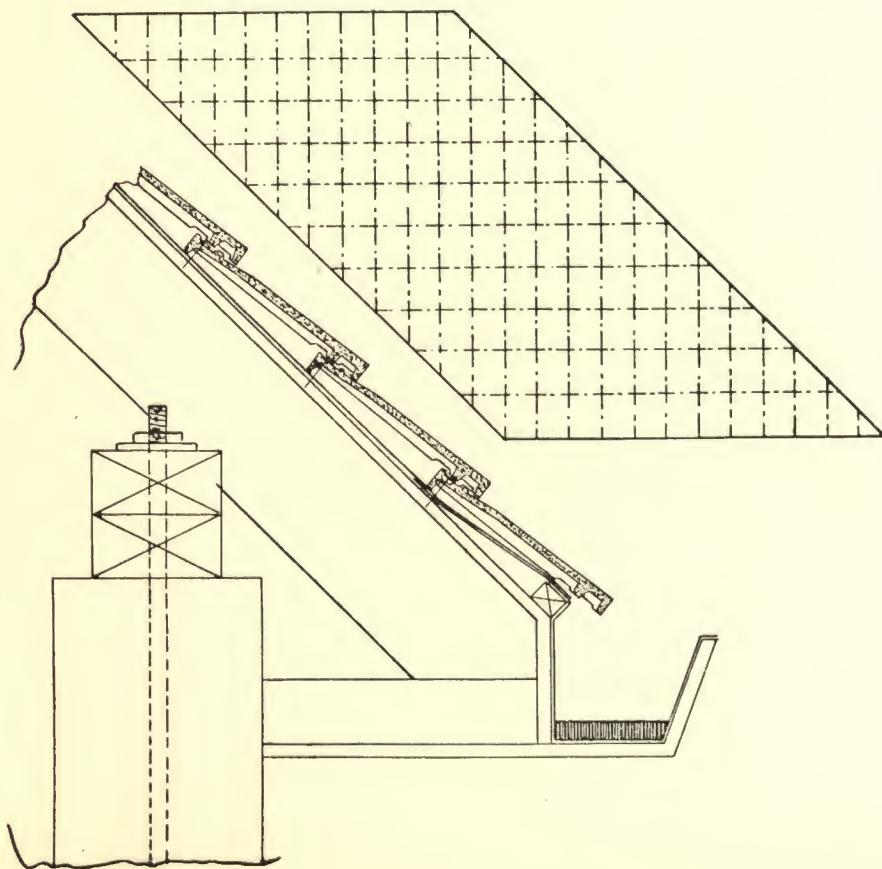
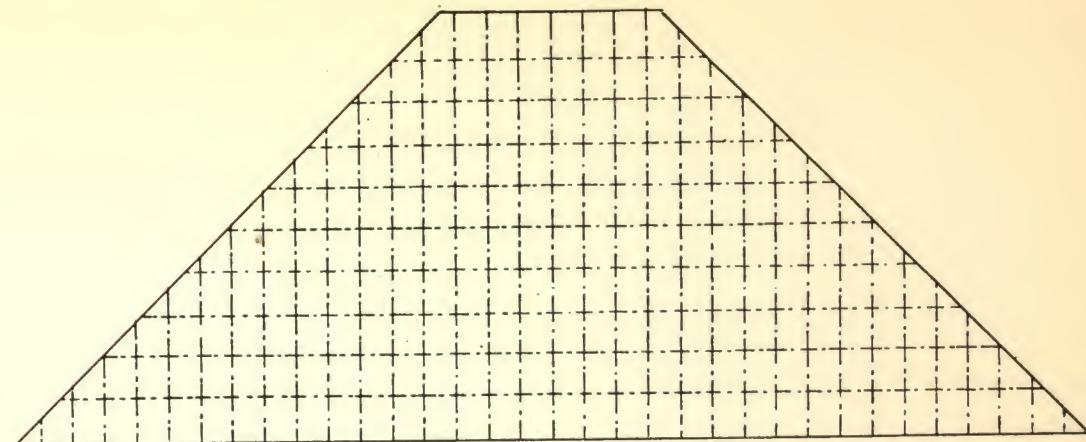
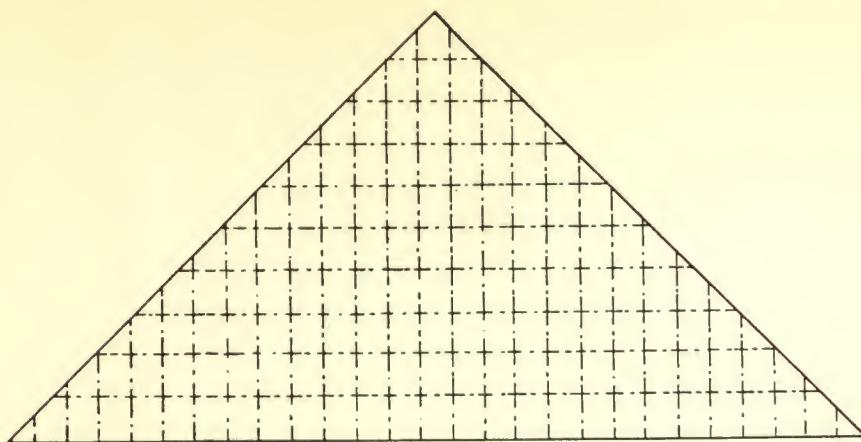
NO. 203 CLOSED RIDGE END
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 10"





NO 250 2H4C TERMINAL
FOR
NO 203 RIDGE AND NO H13 HIP ROLL
LUDOWICI-CELA DON CO.
SCALE 3" EQUAL 1'-0"



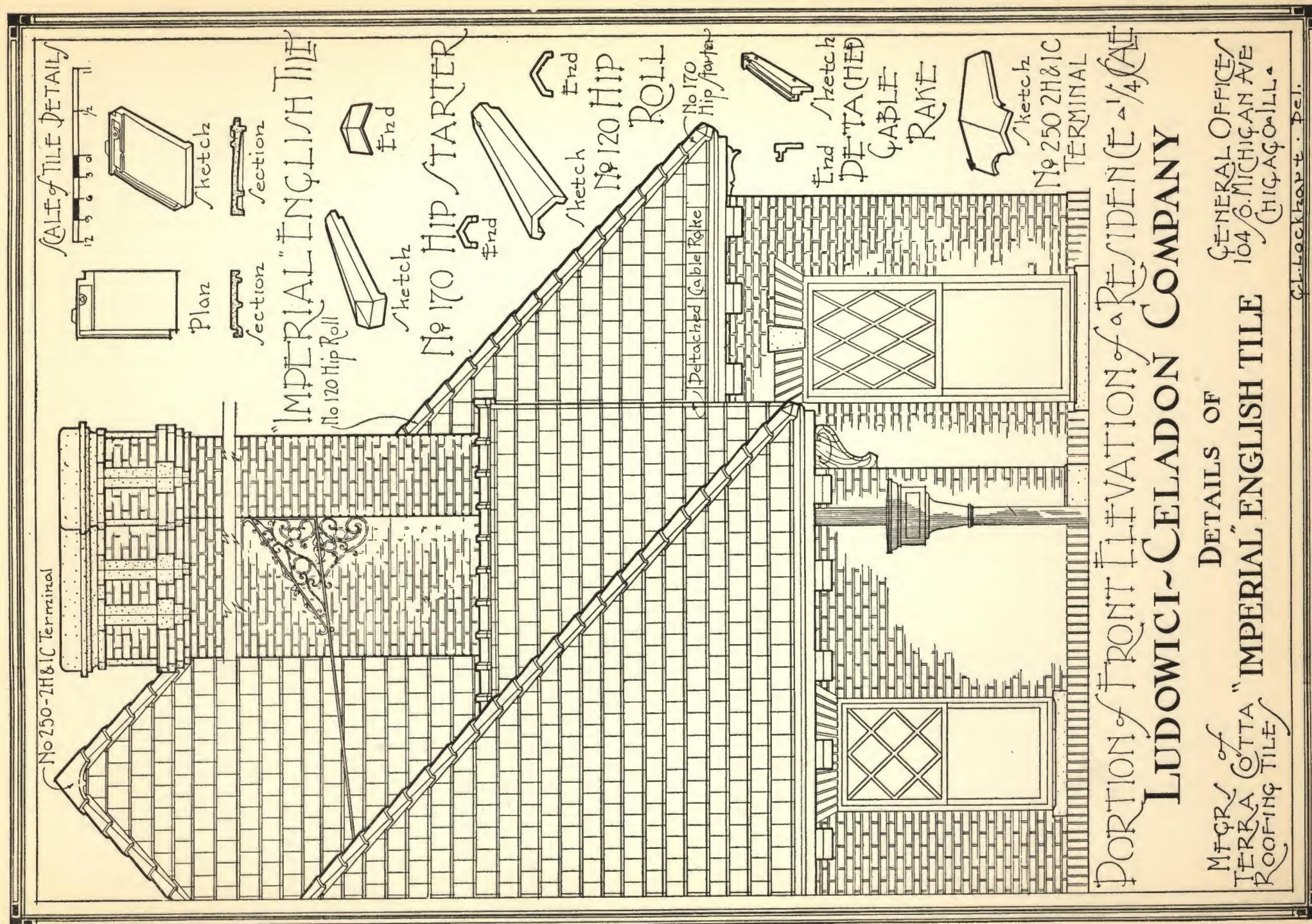


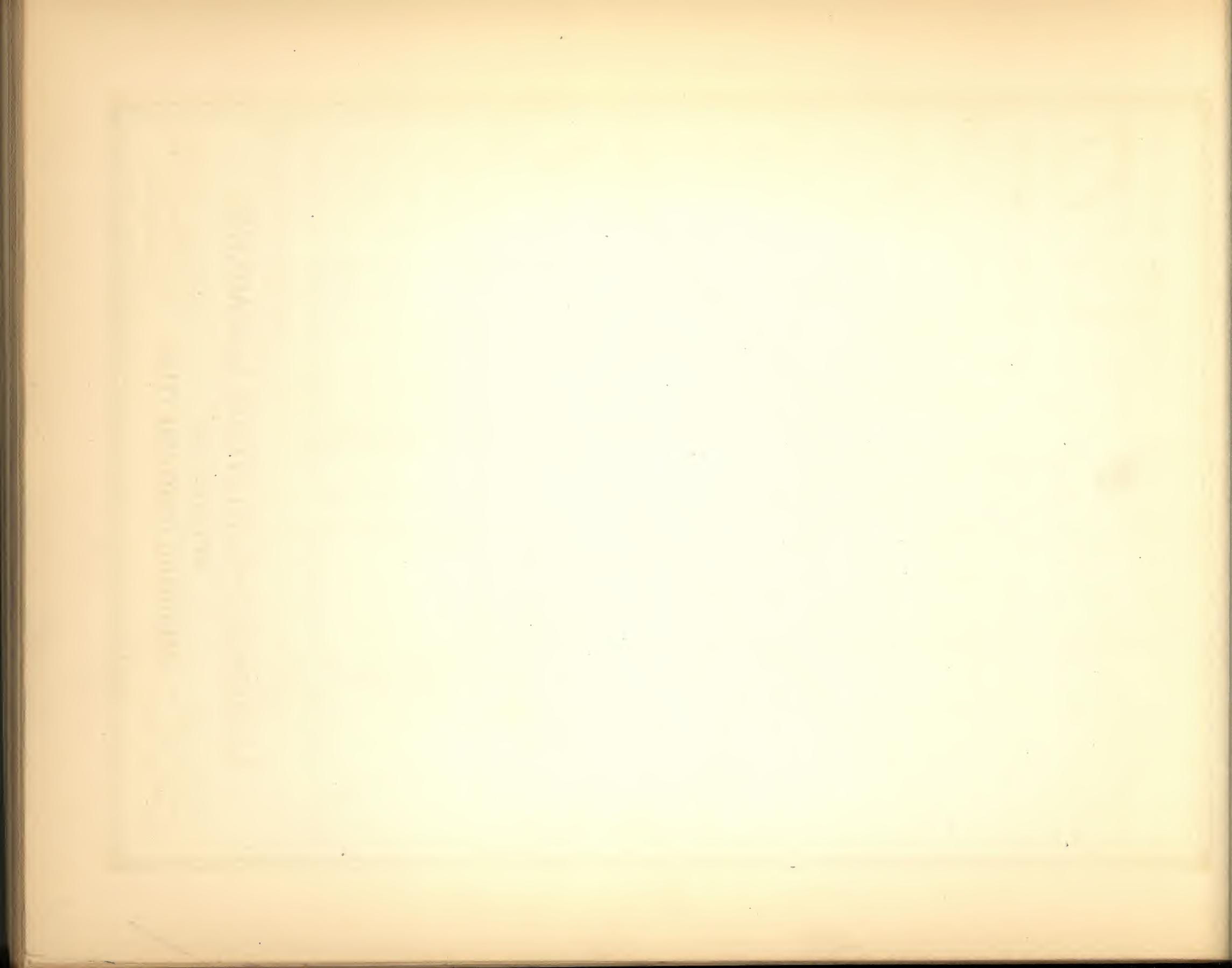
These illustrations show the proper method of lining roof for "Imperial" English Tile.

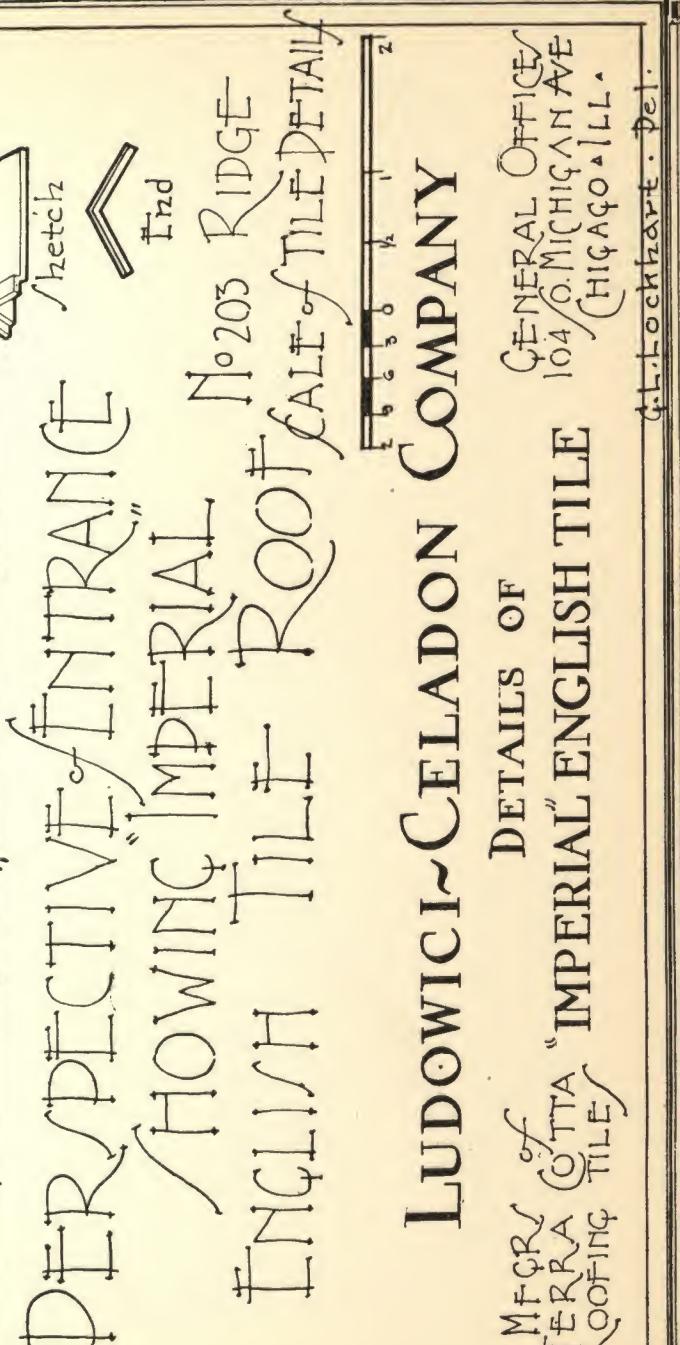
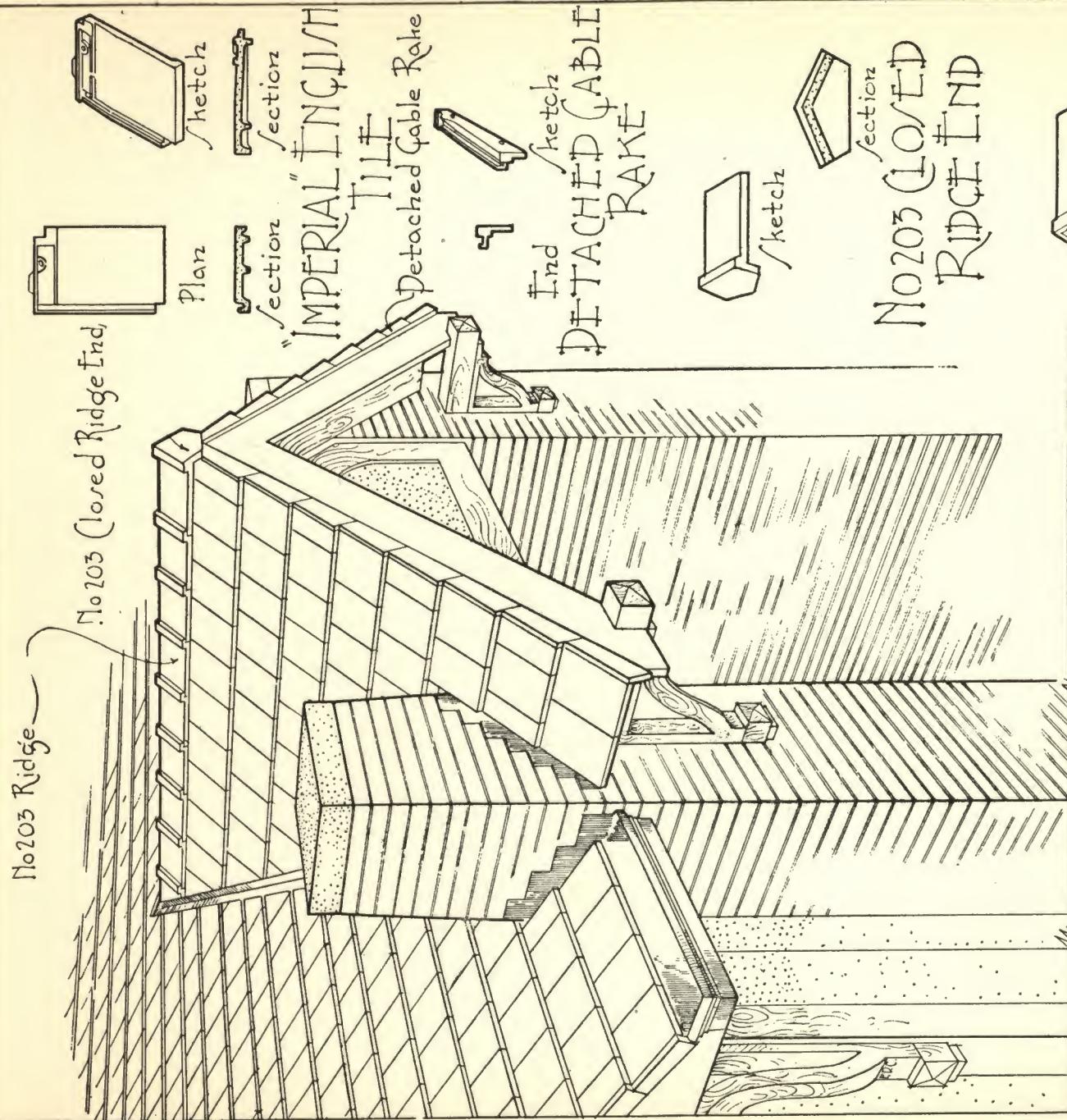
These tile lay approximately $7\frac{3}{4}$ inches width by 10 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

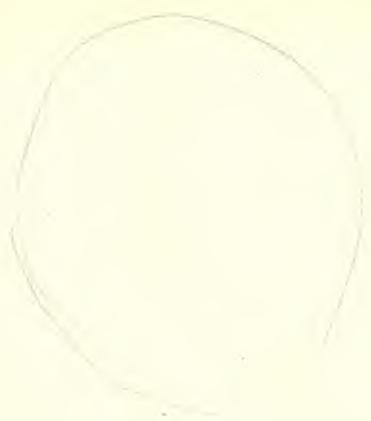
The sectional drawing shows the tile laid in connection with the gutter.





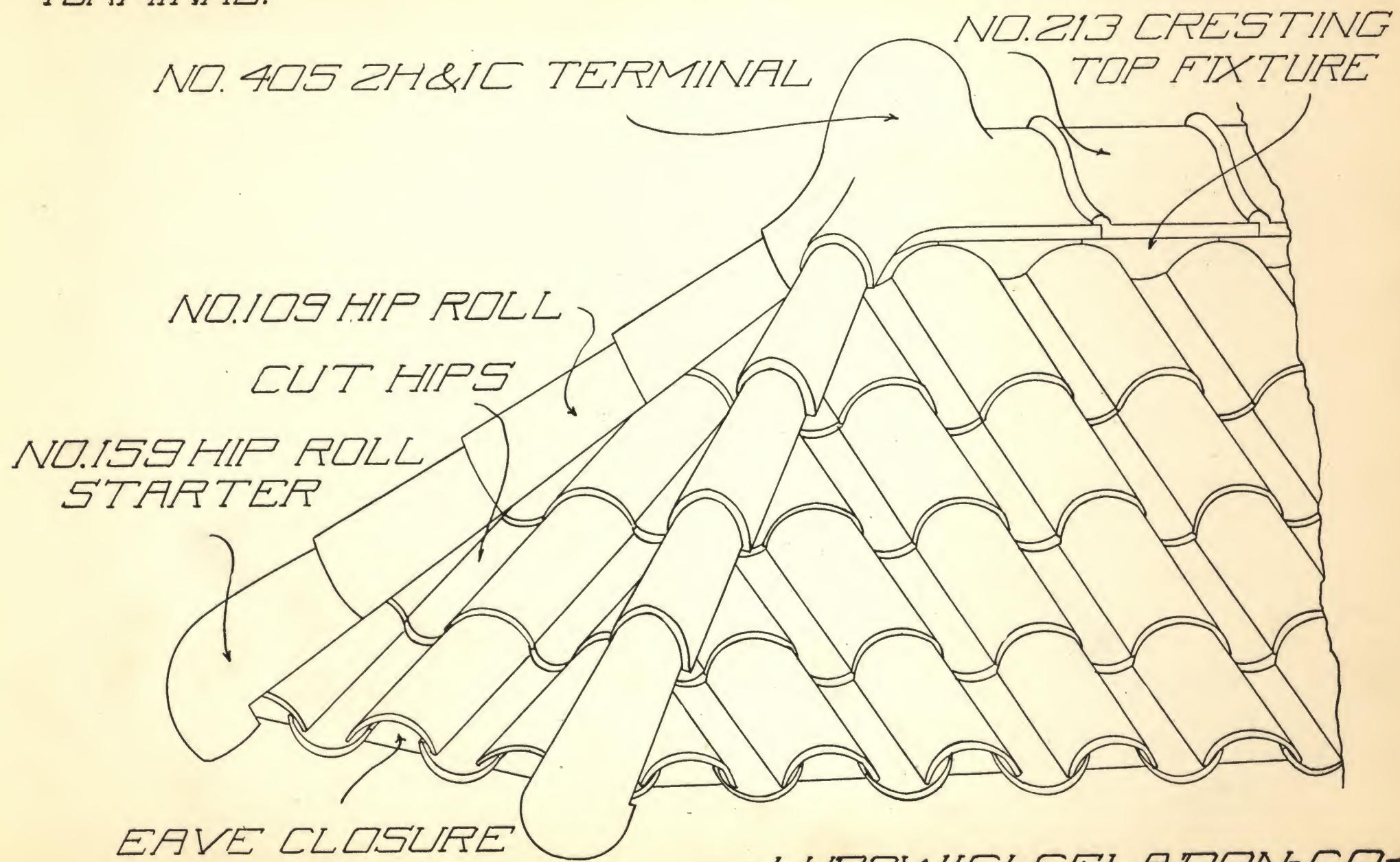




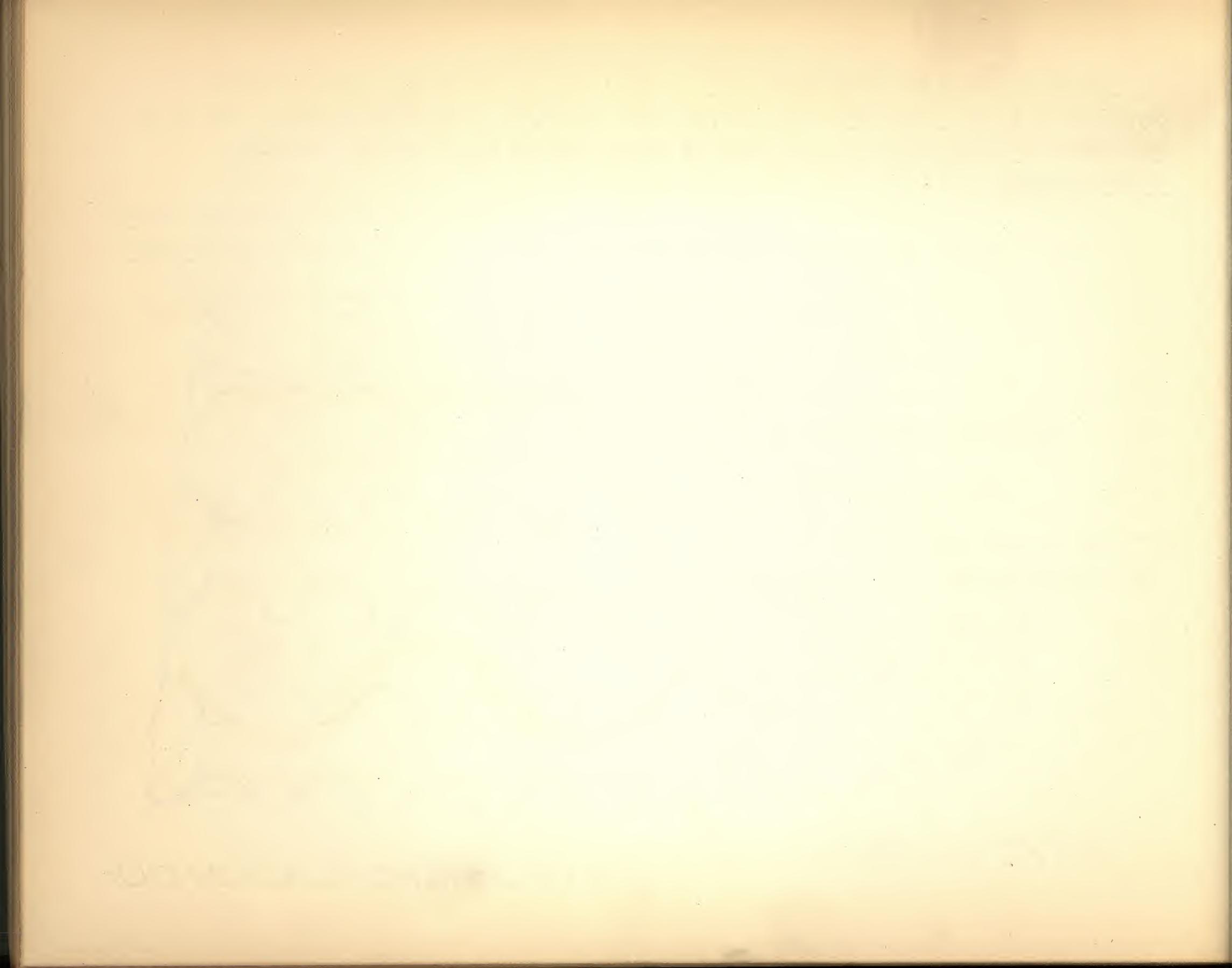


22

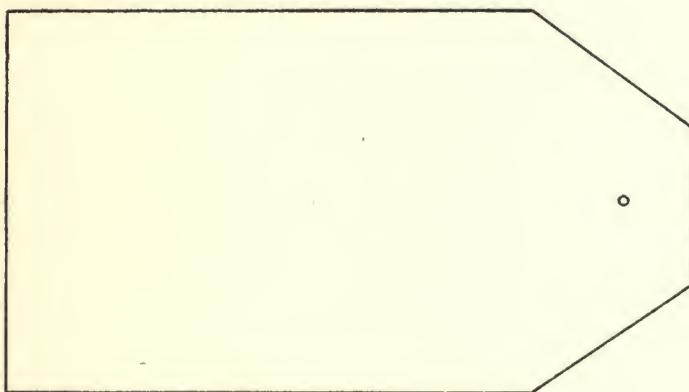
*SKETCH OF 'IMPERIAL' MISSION TILE SHOWN
WITH CUT HIPS, NO. 109 HIP ROLL, NO. 159 HIP ROLL
STARTERS, NO. 213 CRESTING AND NO. 405-2H&IC
TERMINAL.*



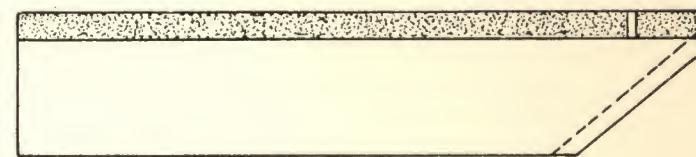
- LUDOWICI-CELADON-CO-



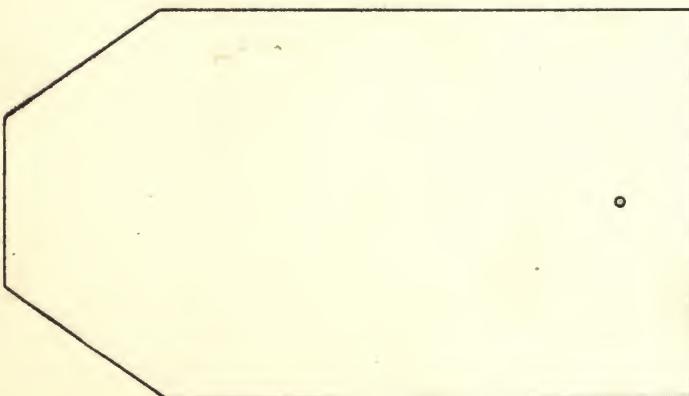
'IMPERIAL' MISSION TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



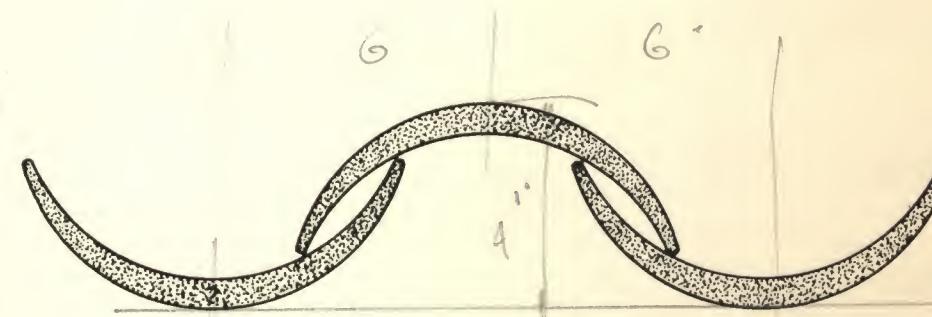
PLAN OF ROLL



SECTION OF ROLL



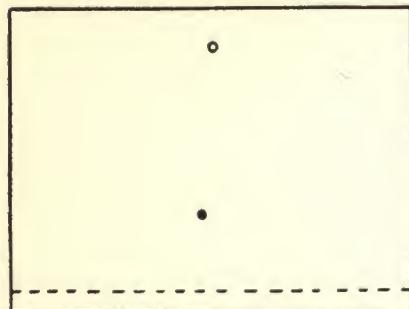
PLAN OF PAN



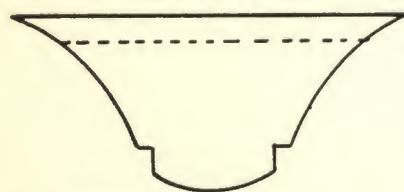
SECTION THRU PAN AND ROLLS



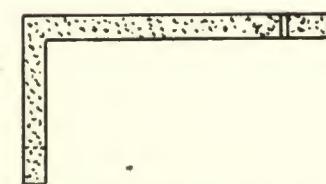
*TOP FIXTURE
FOR
"IMPERIAL" MISSION TILE
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 1'-0."*



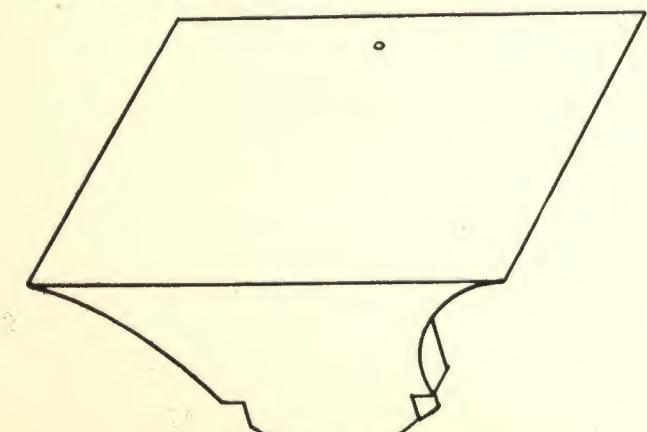
PLAN



FRONT



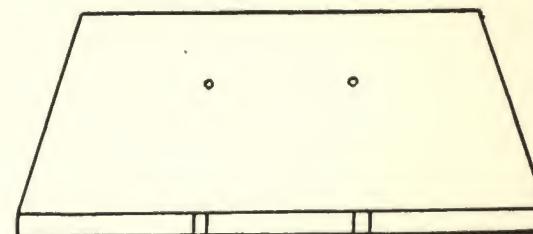
SECTION



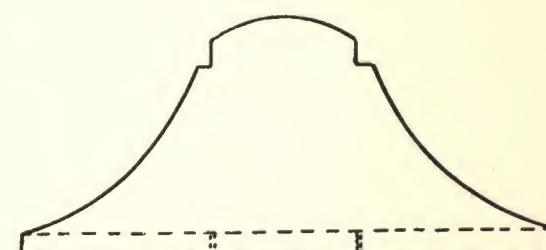
SKETCH

EAVES CLOSURE

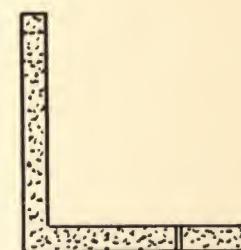
*FOR
"IMPERIAL" MISSION TILE
LUDOWICI - CELADON CO.
SCALE 3" EQUAL 1'-0."*



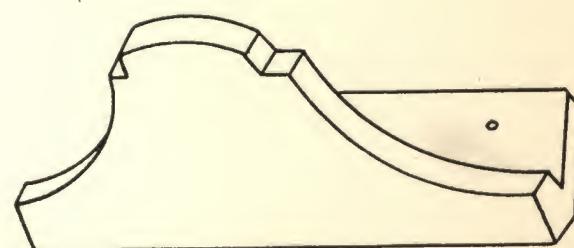
PLAN



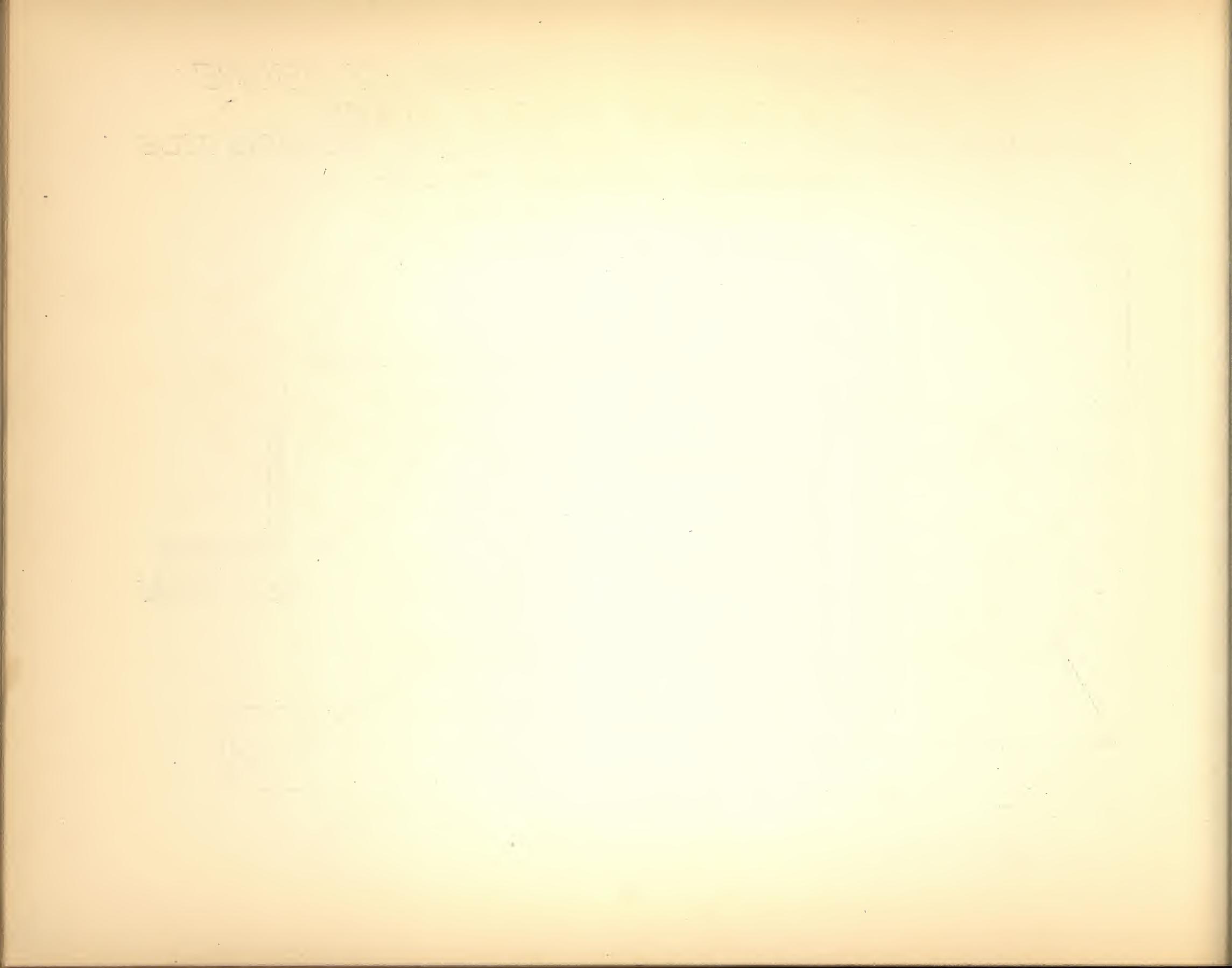
FRONT



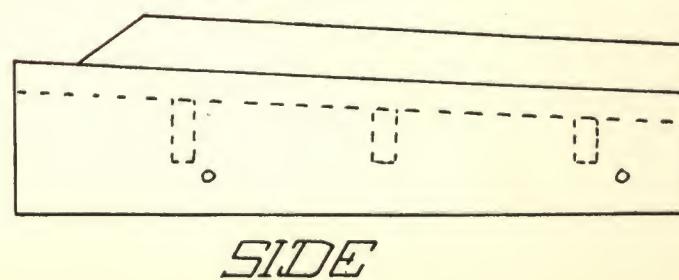
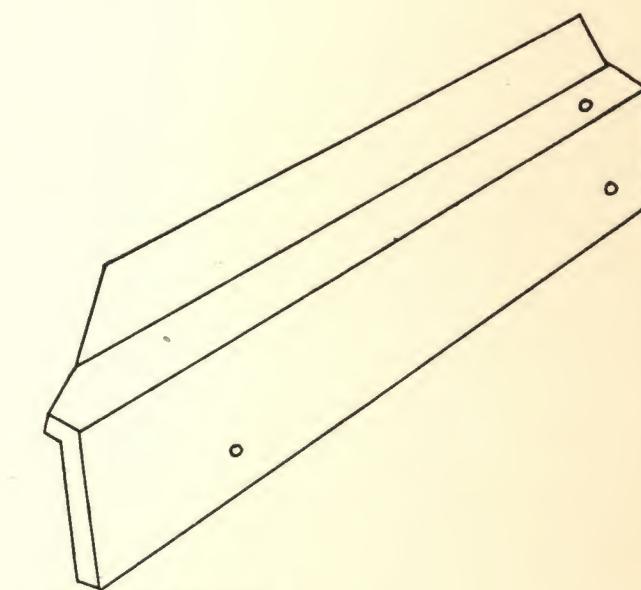
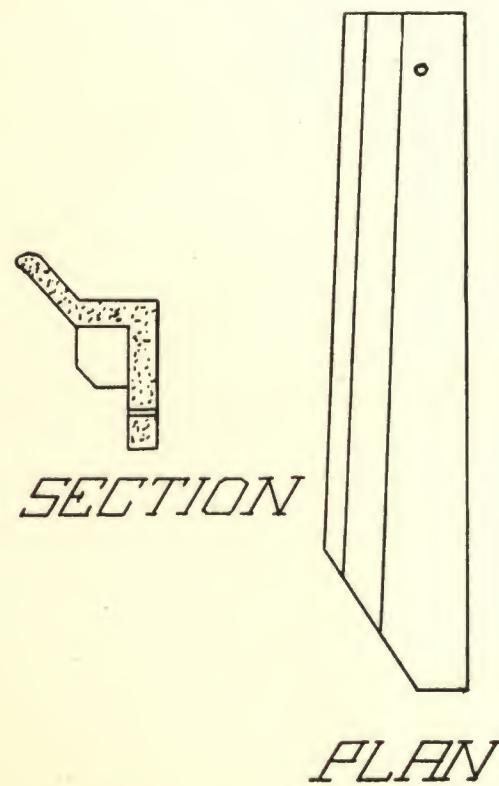
SECTION

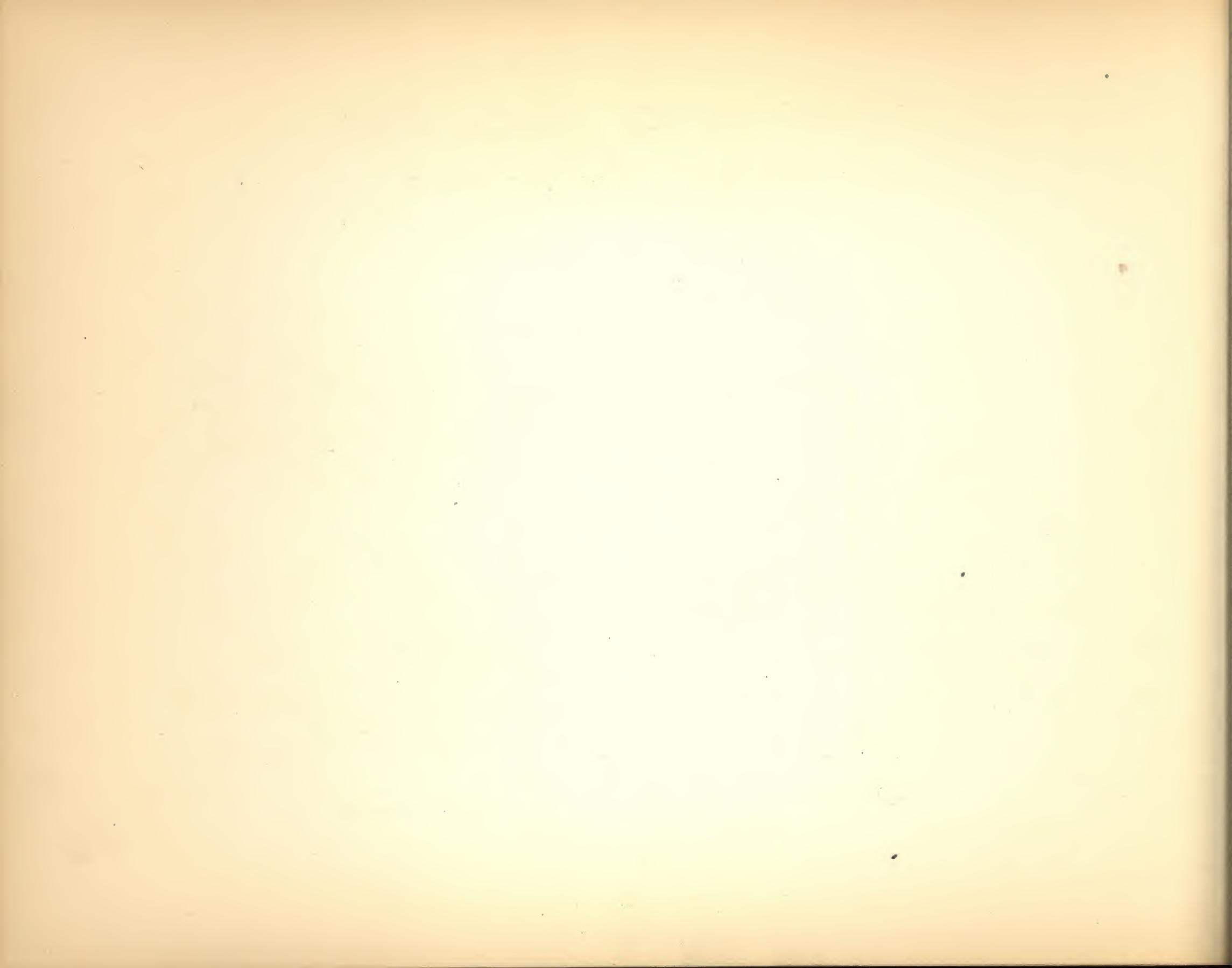


SKETCH

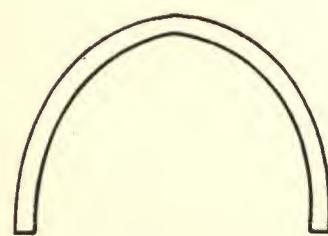


DETACHED GABLE RAKE
FOR
"IMPERIAL" MISSION TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"

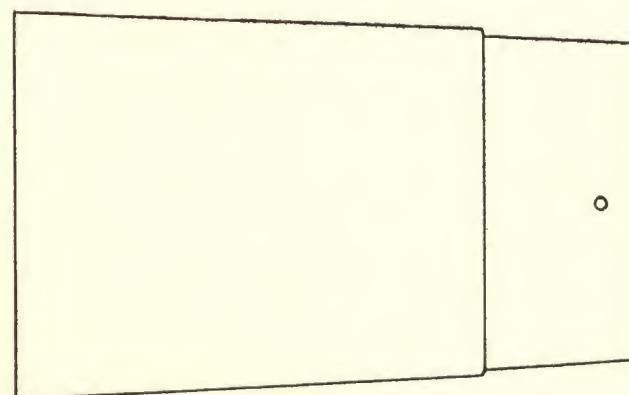




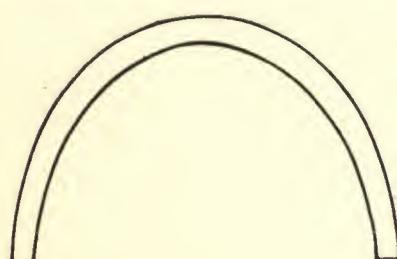
NO 109 HIP ROLL
LUDOWICI-CELADON CO
SCALE 3" EQUAL 10"



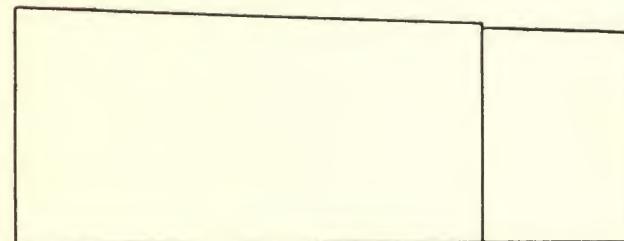
SMALL END



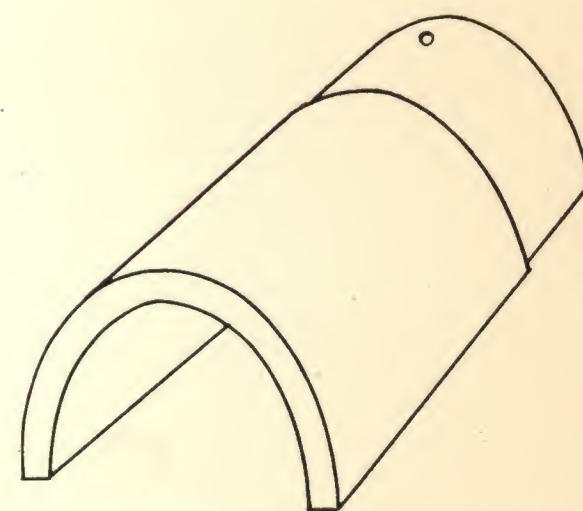
PLAN



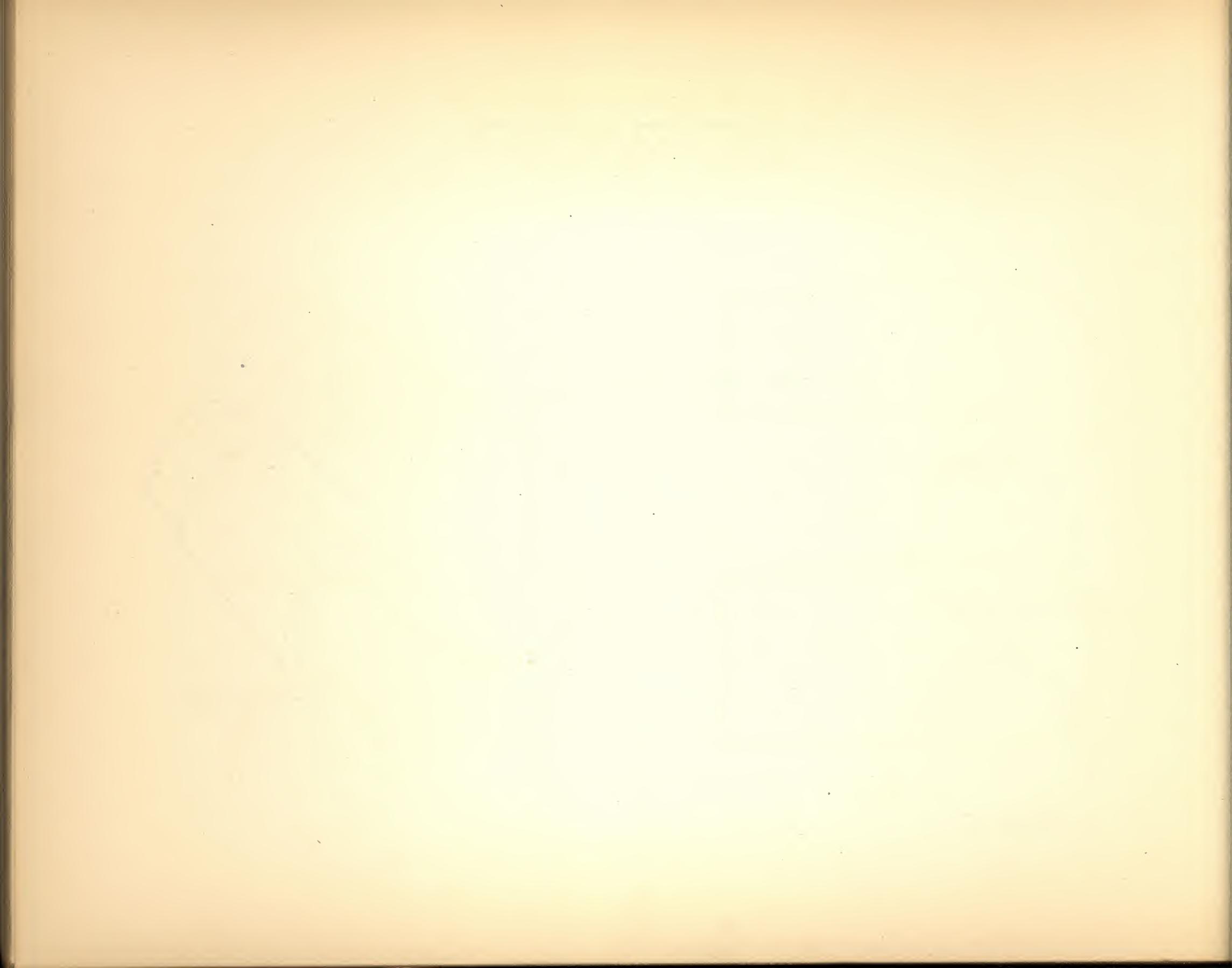
LARGE END



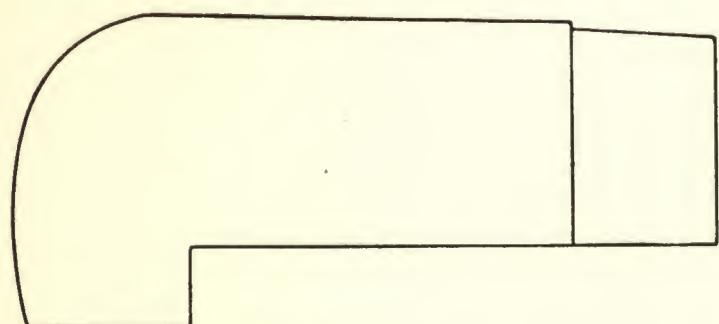
SIDE



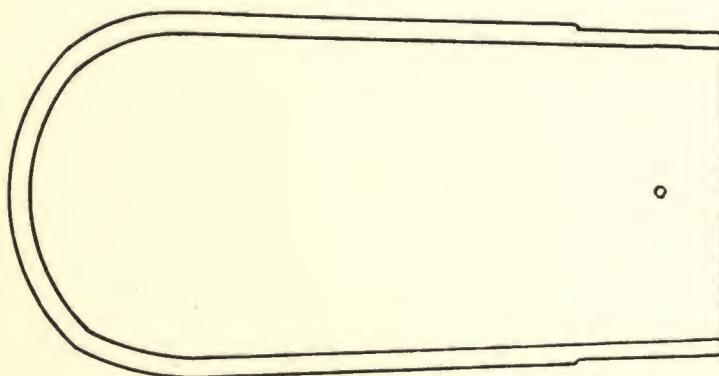
SKETCH



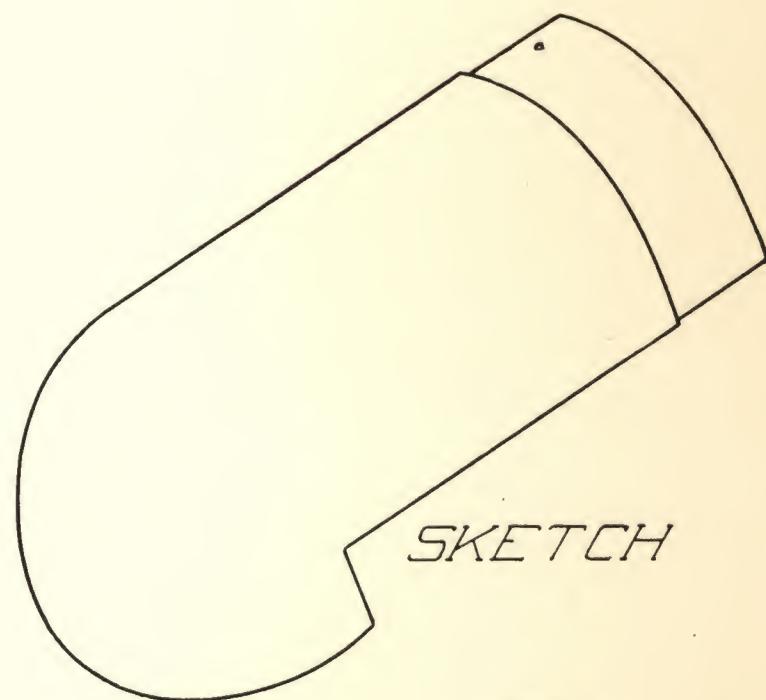
NO 159 HIP STARTER
LUDOWICI-CELADON CO
SCALE 3" EQUAL 1'-0".



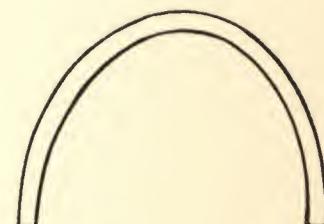
SIDE



PLAN



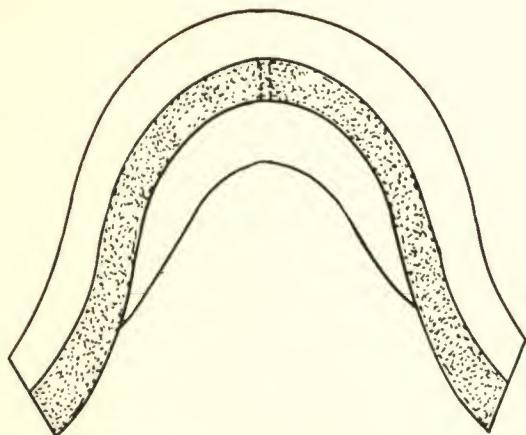
SKETCH



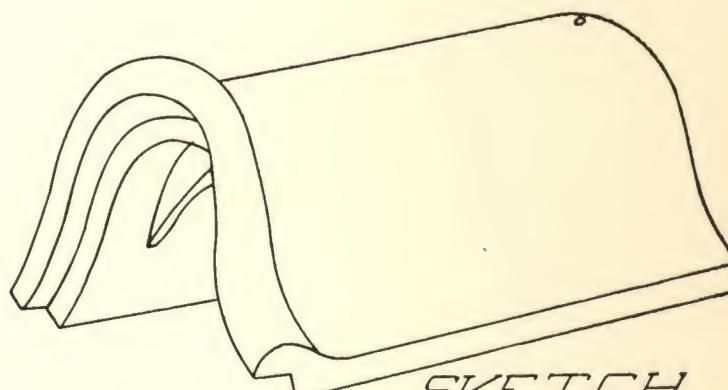
END



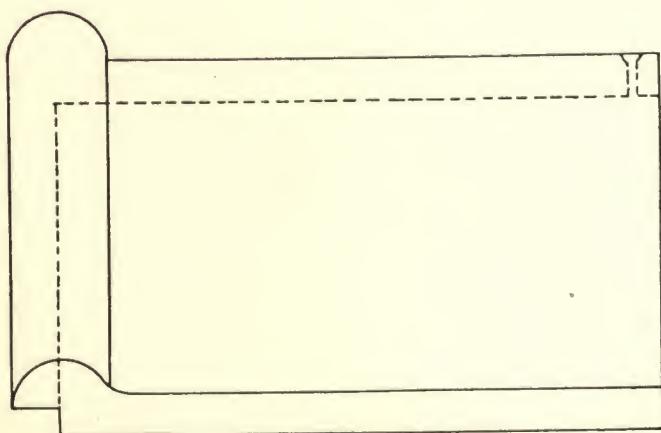
NO 213 RIDGE
LUDOWICI-CELADON CO.
SCALE 3' EQUAL 1'-0"



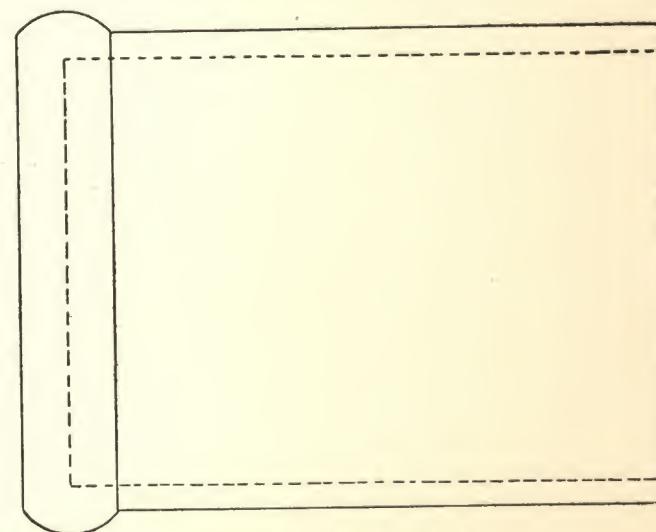
SECTION



SKETCH



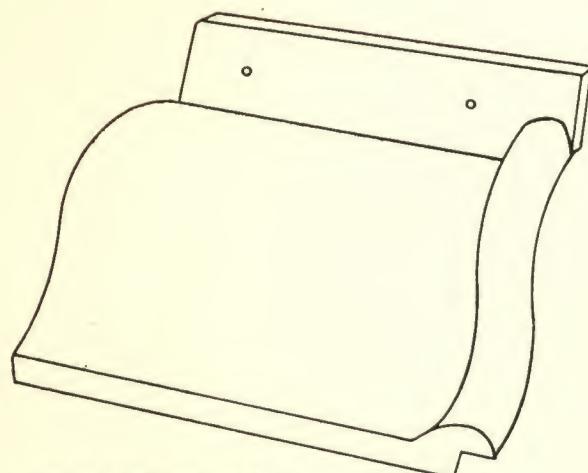
SIDE



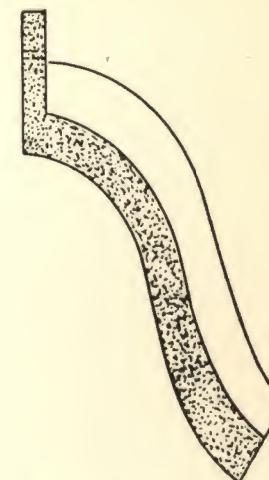
PLAN



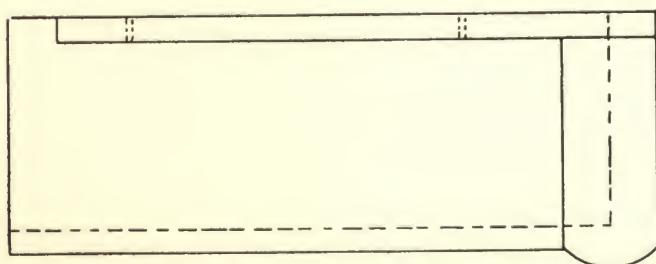
NO. 213 DECK MOULD RAISED FLANGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0.'



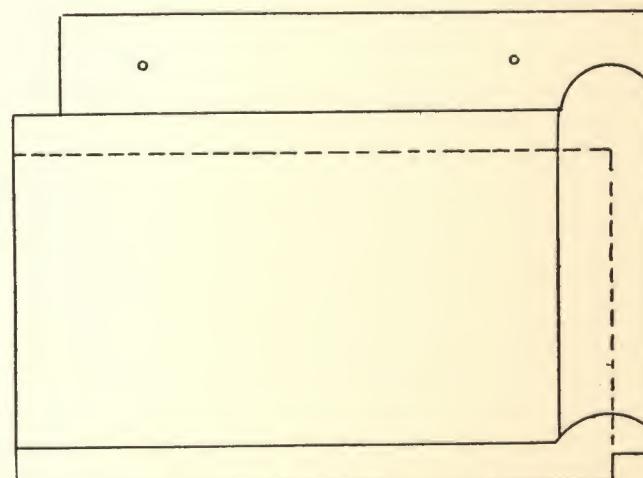
SKETCH



SECTION



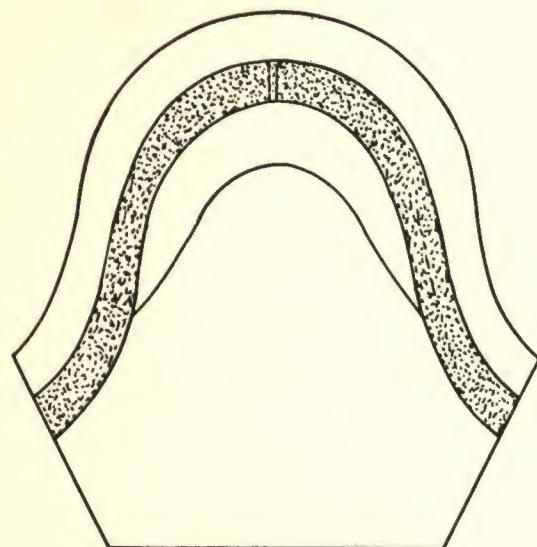
PLAN



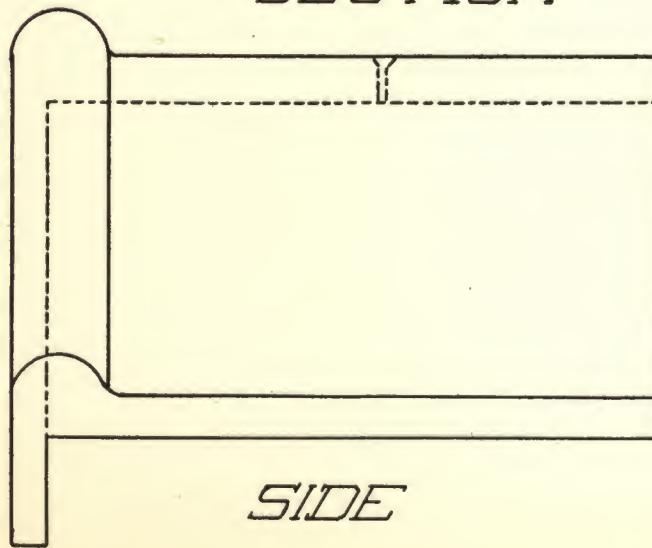
FRONT VIEW



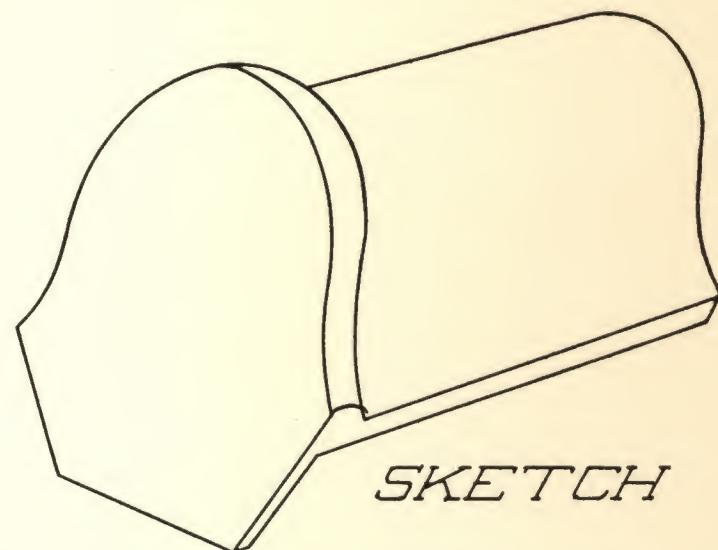
*NO. 213 CLOSED RIDGE END
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0".*



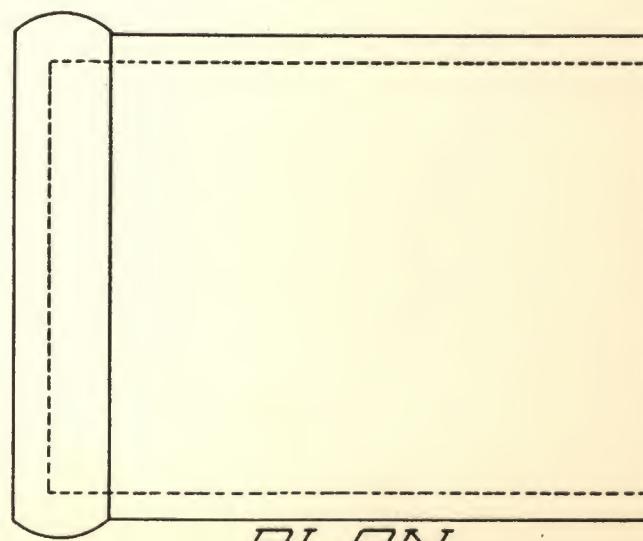
SECTION



SIDE



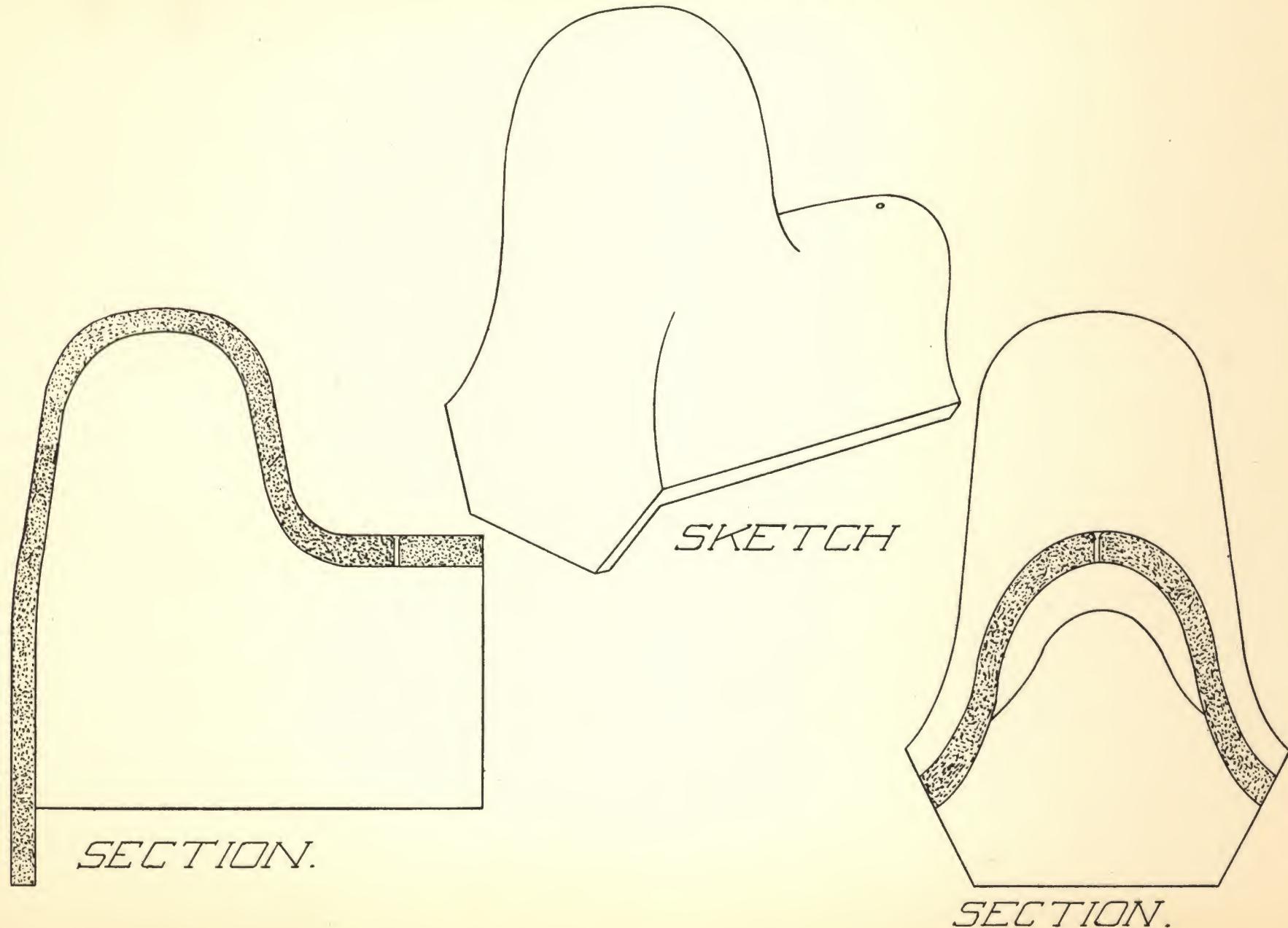
SKETCH



PLAN

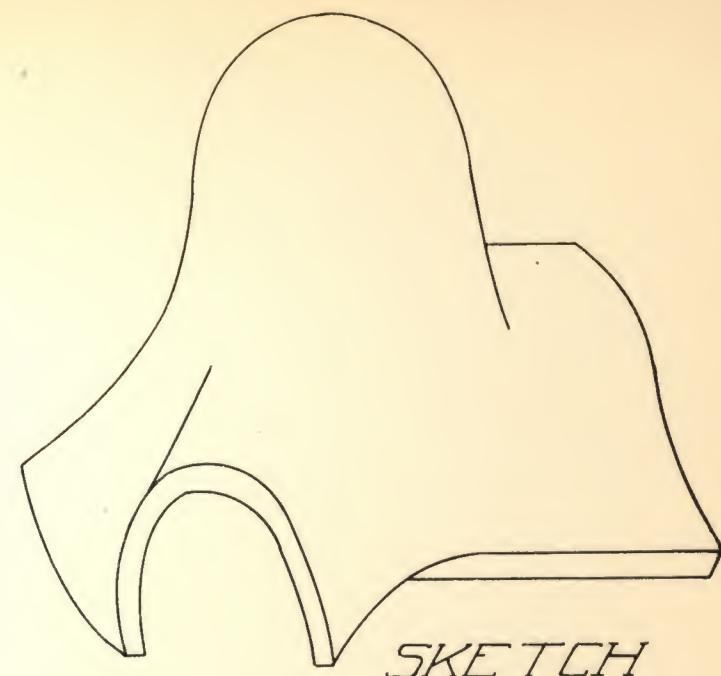


NO. 406 GABLE TERMINAL
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."
FOR NO. 213 RIDGE

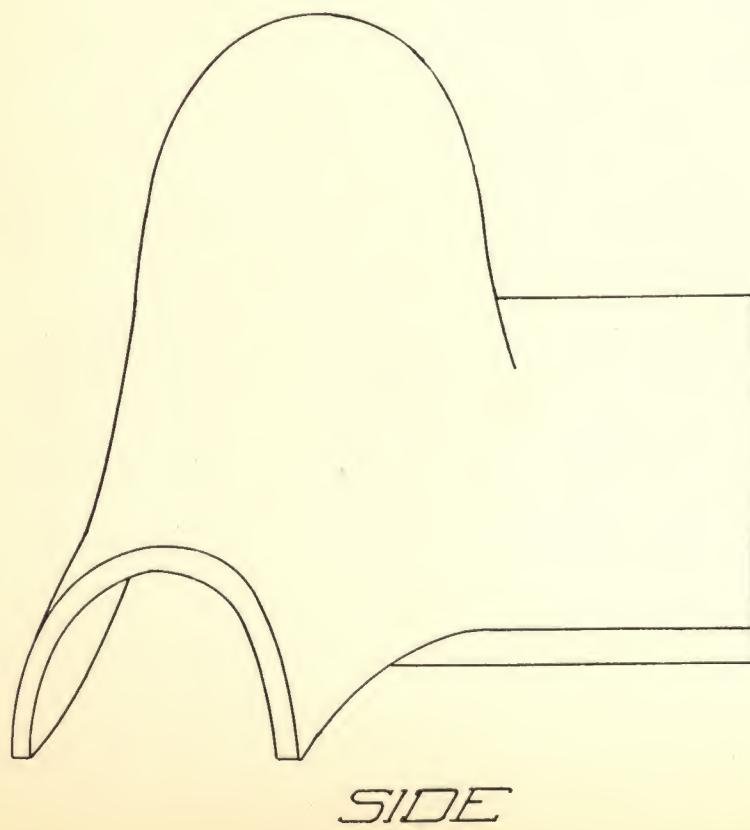




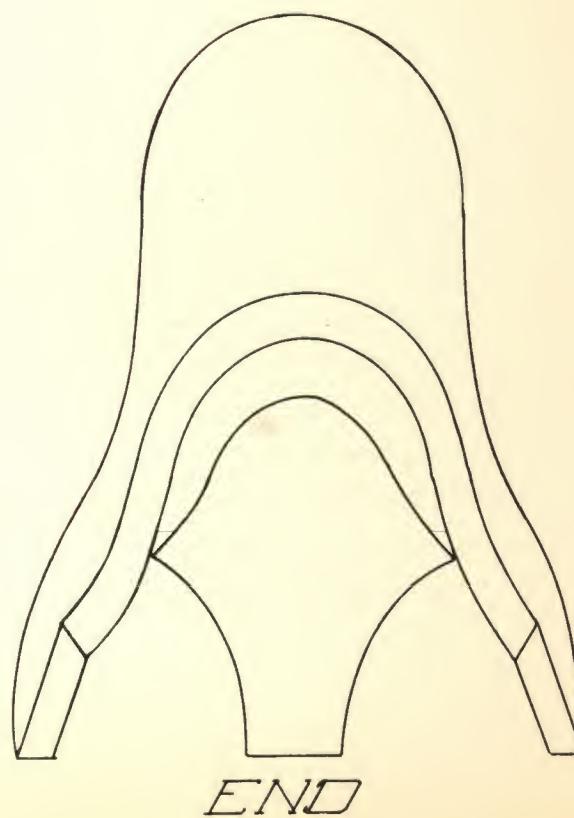
NO. 405 2H&IR TERMINAL
FOR
NO. 109 HIP ROLL & NO 213 RIDGE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



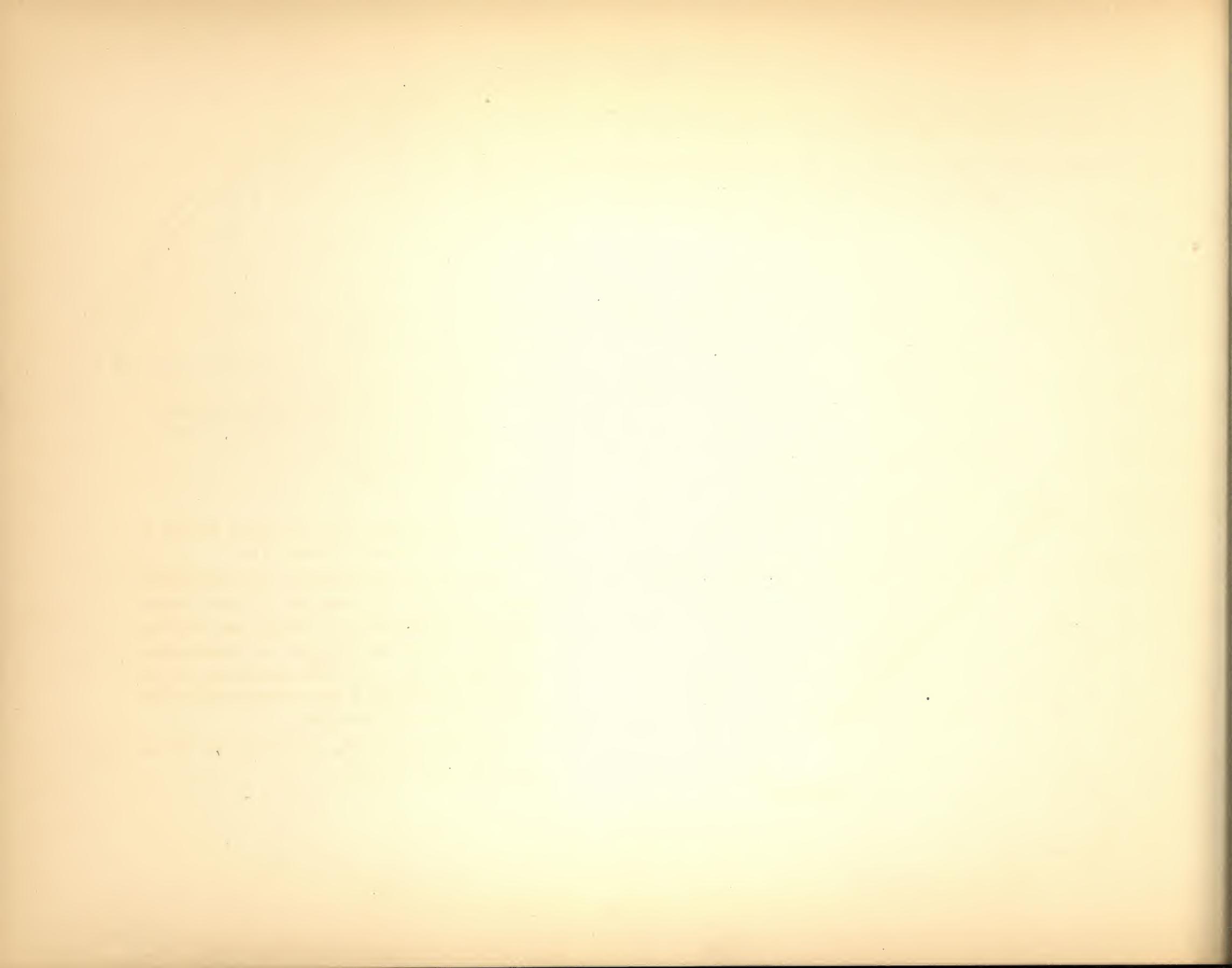
SKETCH

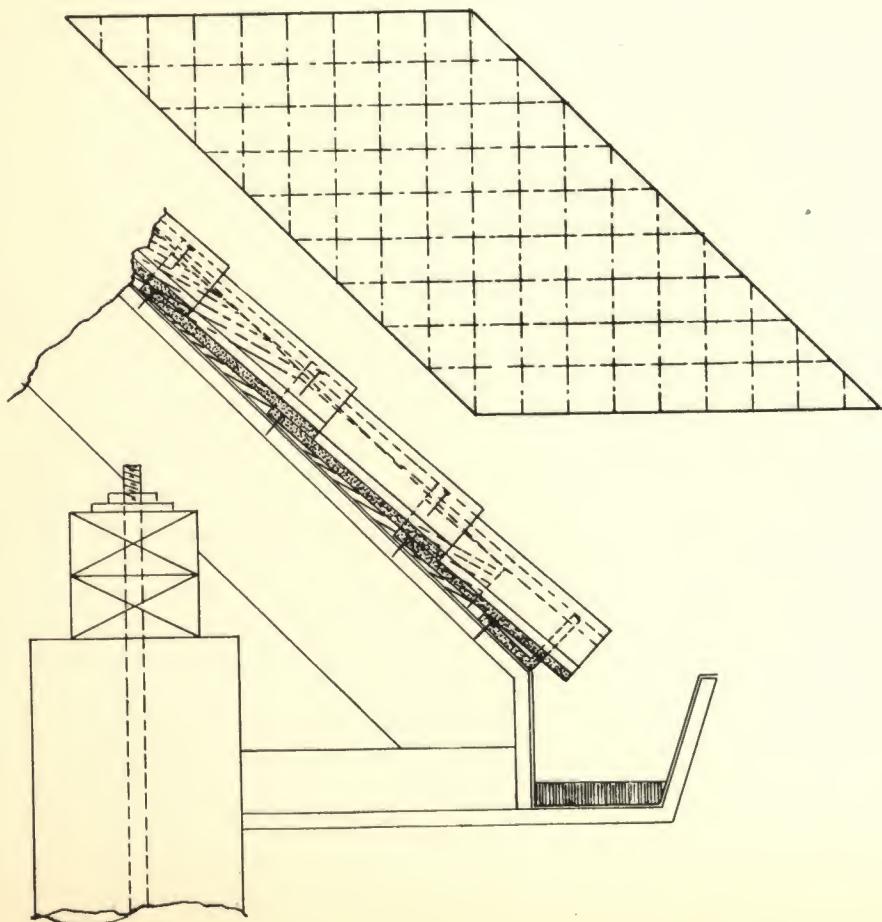
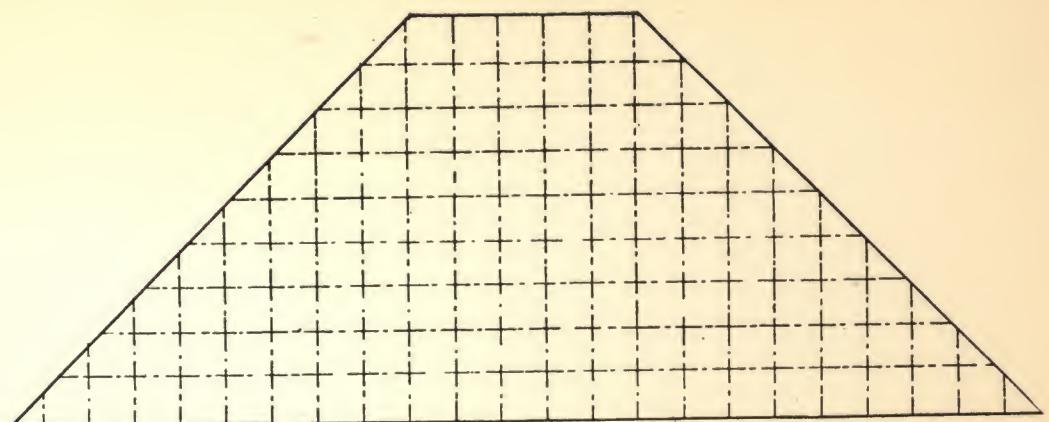
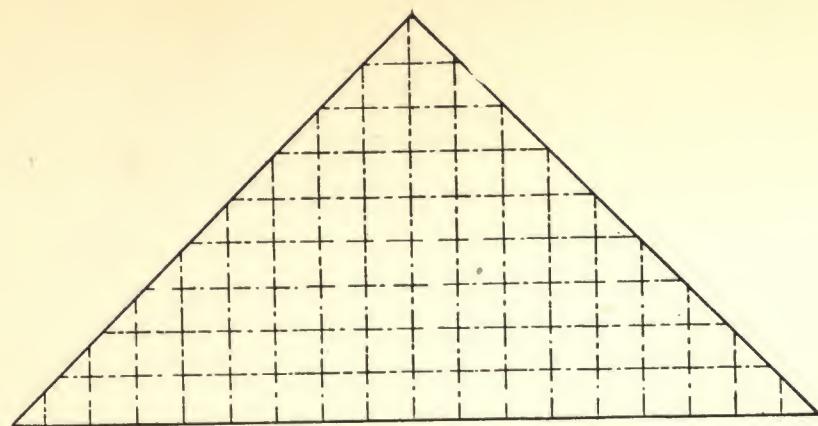


SIDE



END





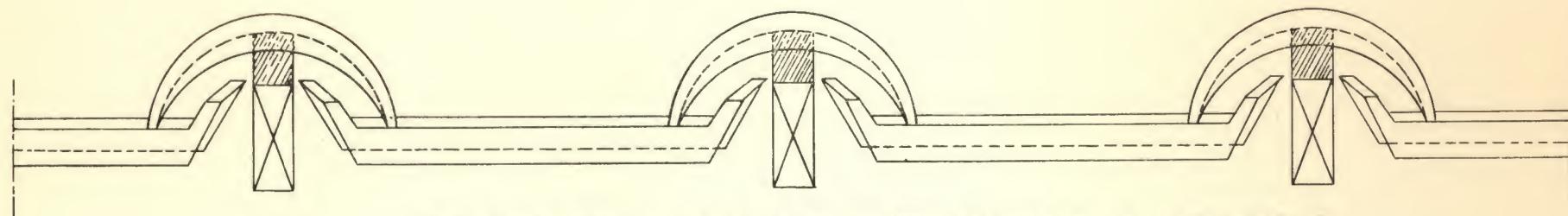
These illustrations show the proper method of lining roof for "Imperial" Mission Tile.

These tile lay approximately $11\frac{1}{2}$ inches width, center to center of covers, by 11 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

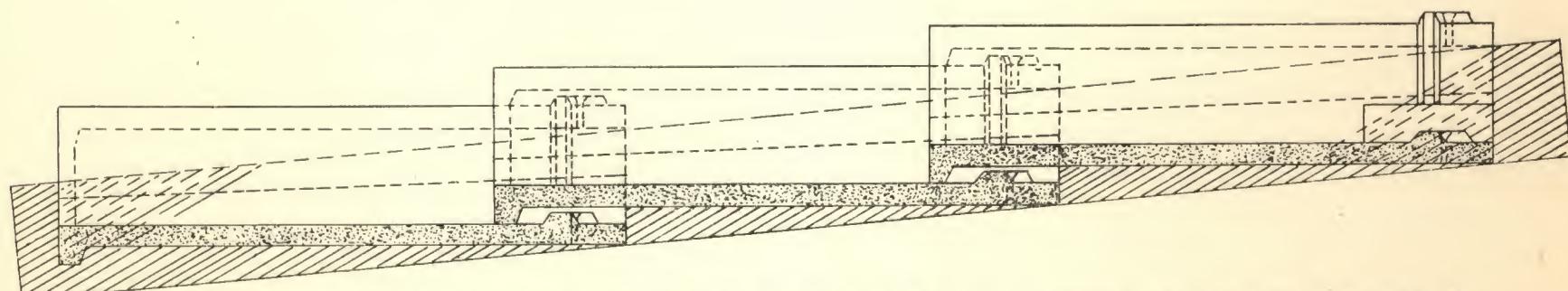
The sectional drawing shows the tile laid in connection with the gutter.



*"IMPERIAL" ROMAN TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



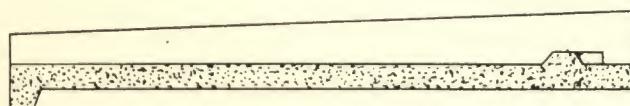
BUTT VIEW OF PAN & ROLL



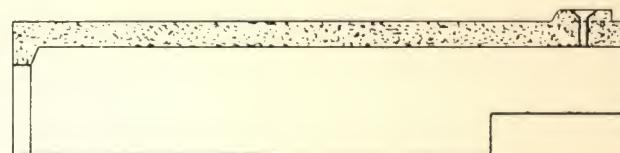
SECTION THRU PAN LOOKING TOWARD ROLL.



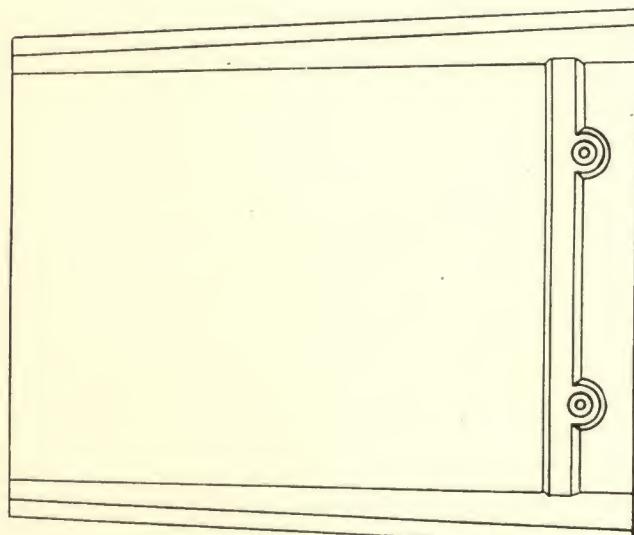
"IMPERIAL" ROMAN TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



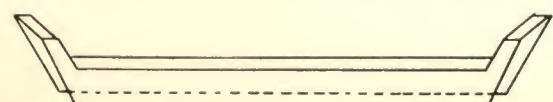
SECTION OF PAN



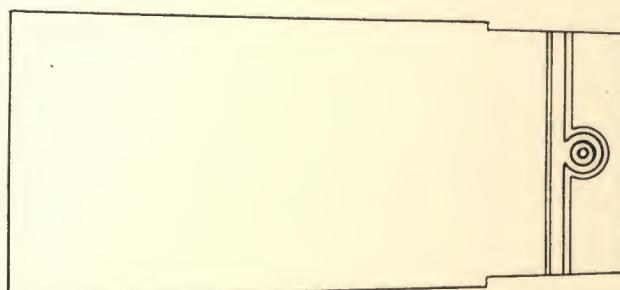
SECTION OF ROLL



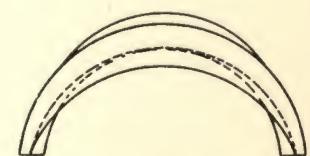
PLAN OF PAN



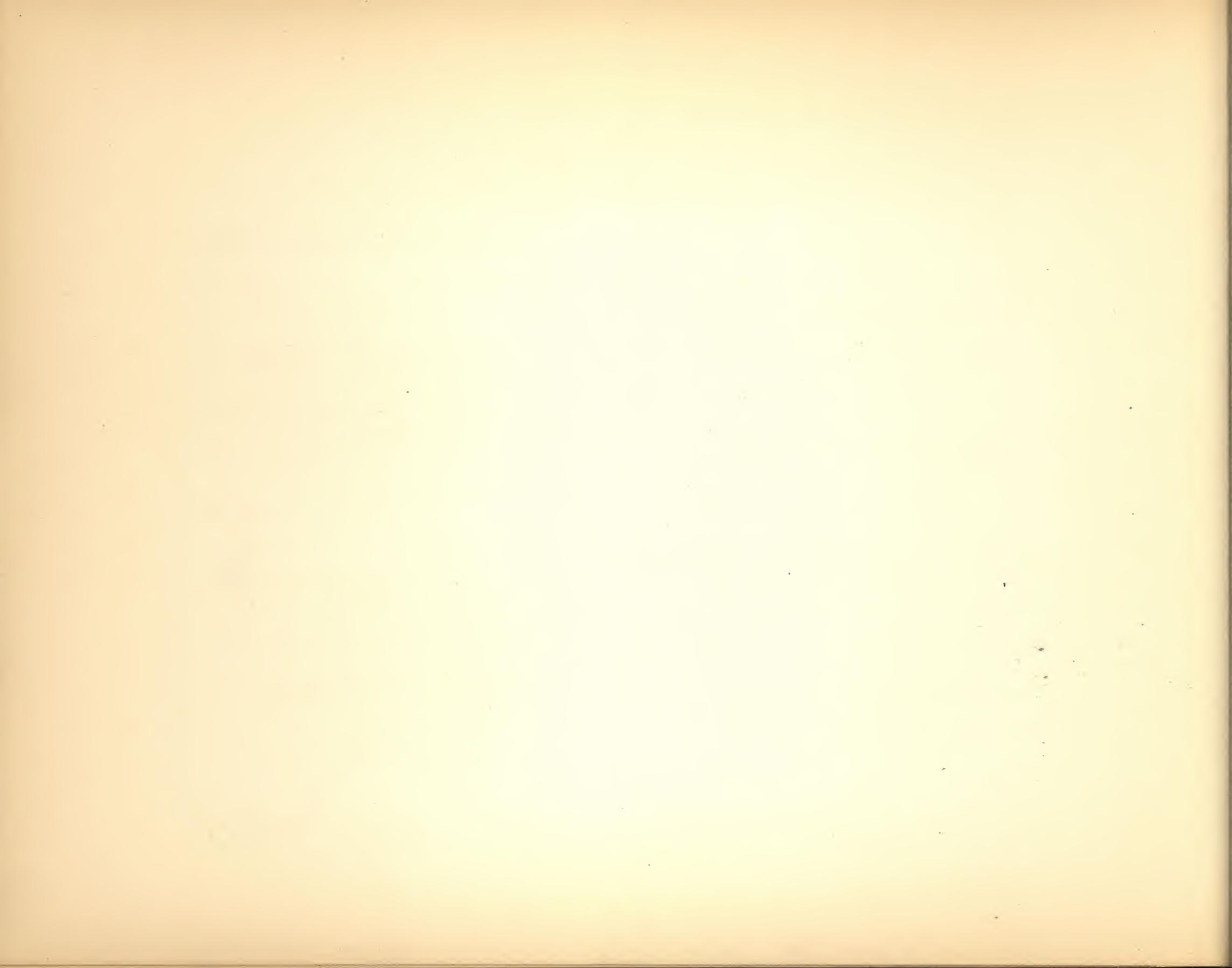
END VIEW OF PAN



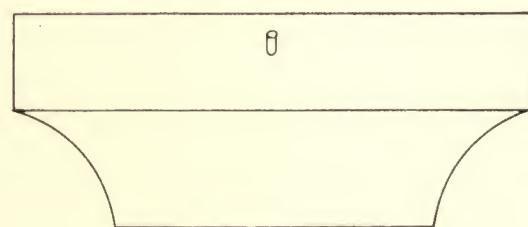
PLAN OF ROLL



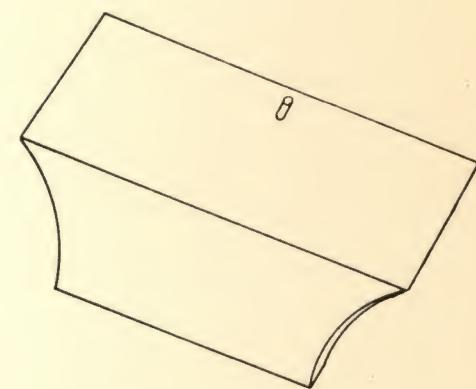
END VIEW OF ROLL



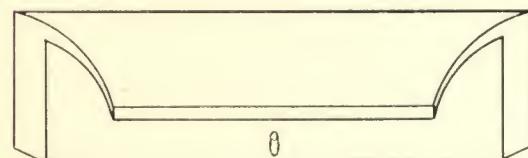
TOP FIXTURE
FOR
"IMPERIAL" ROMAN TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."



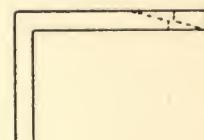
SKETCH LOOKING DOWN



SKETCH



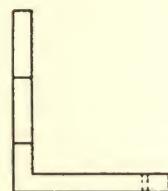
SKETCH LOOKING UP



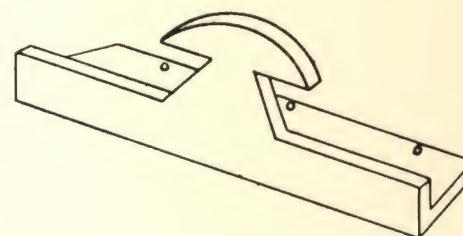
SIDE VIEW



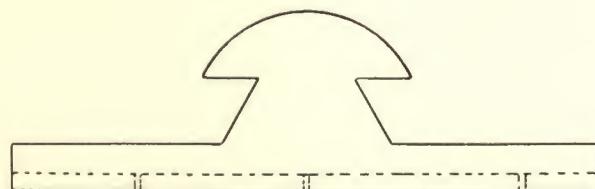
*MISSION EAVE CLOSURE
"IMPERIAL" ^{FOR} ROMAN TILE
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0."*



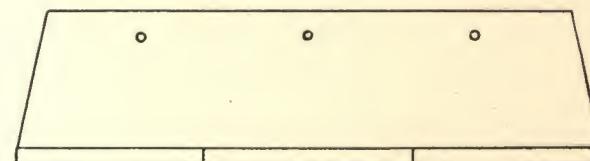
SIDE VIEW



SKETCH



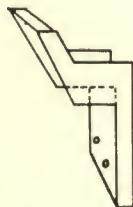
FRONT VIEW



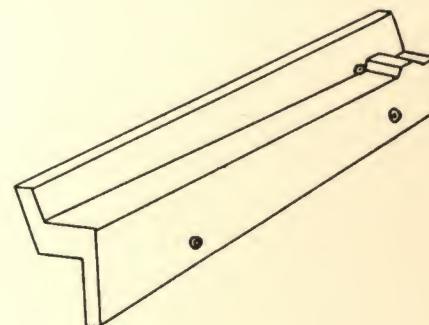
PLAN



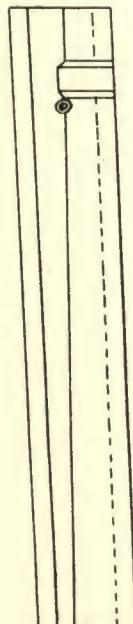
DETACHED GABLE RAKE
FOR
"IMPERIAL" ROMAN TILE
LUDOWICI-CELADON CO
SCALE 3" EQUAL 1'-0."



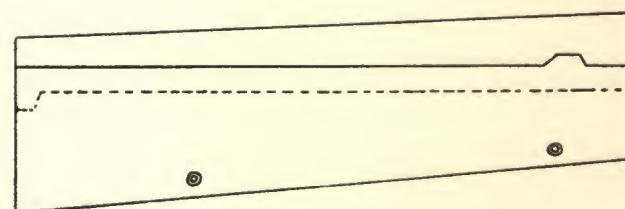
END VIEW



SKETCH



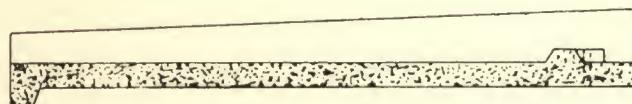
PLAN



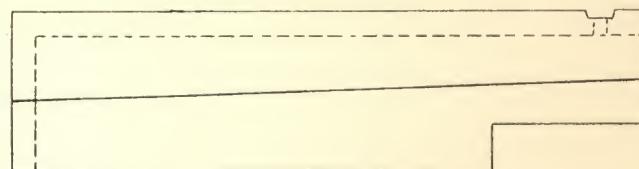
SIDE VIEW



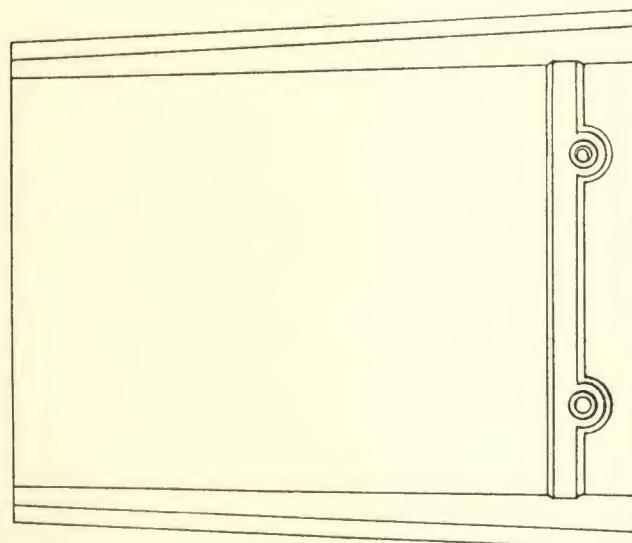
"IMPERIAL" GREEK TILE HEXAGON COVER
LUDOWICI-CELADON CO.
SCALE 3" EQUAL 1'-0"



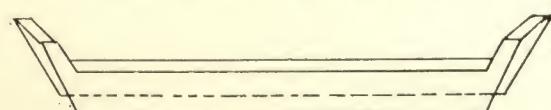
SECTION OF PAN



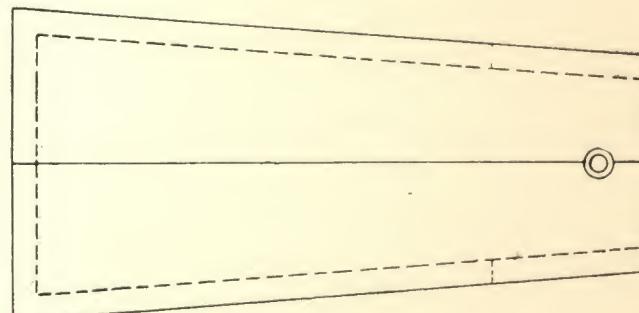
SIDE VIEW OF COVER



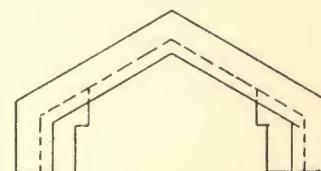
PLAN OF PAN



END VIEW OF PAN

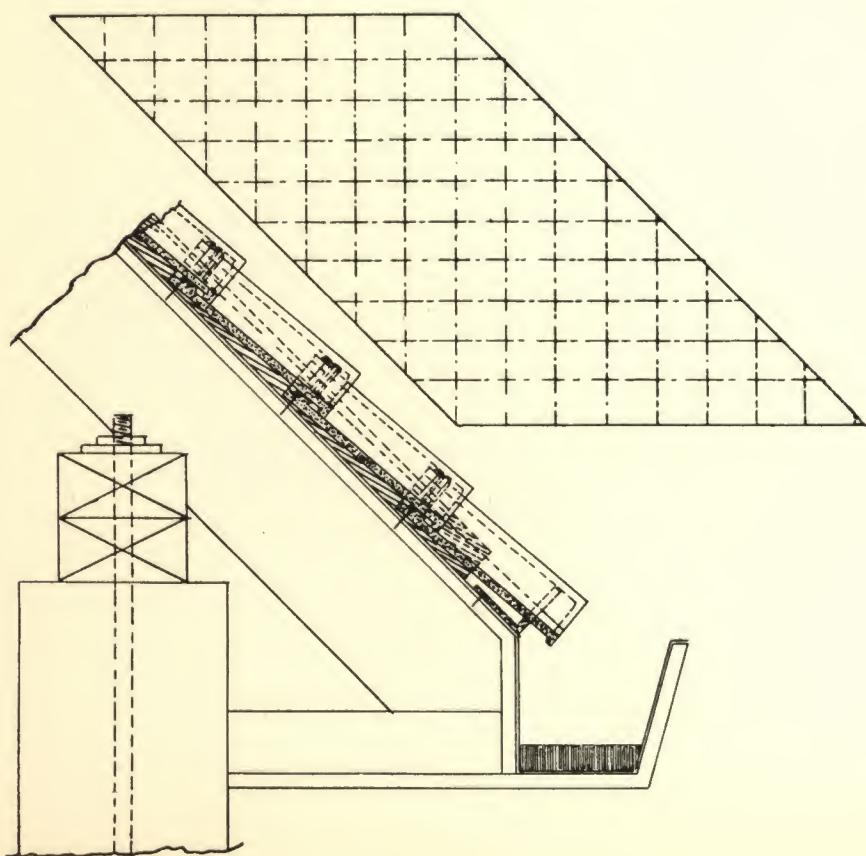
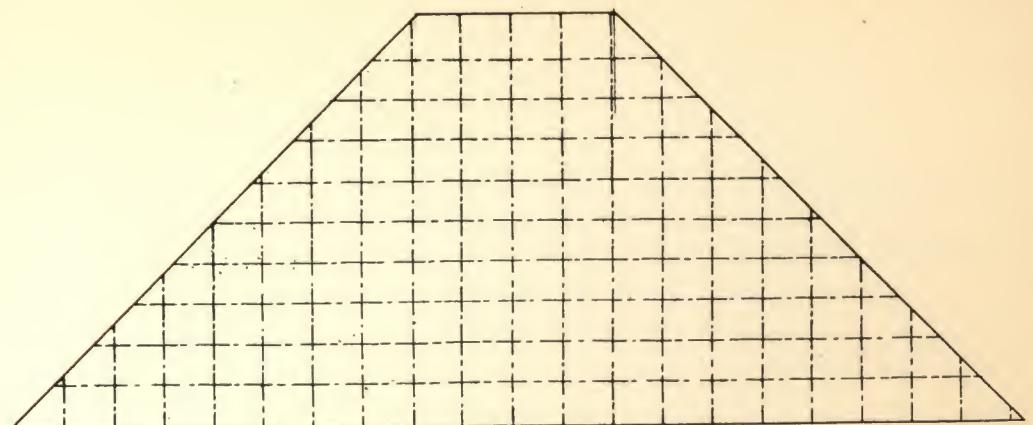
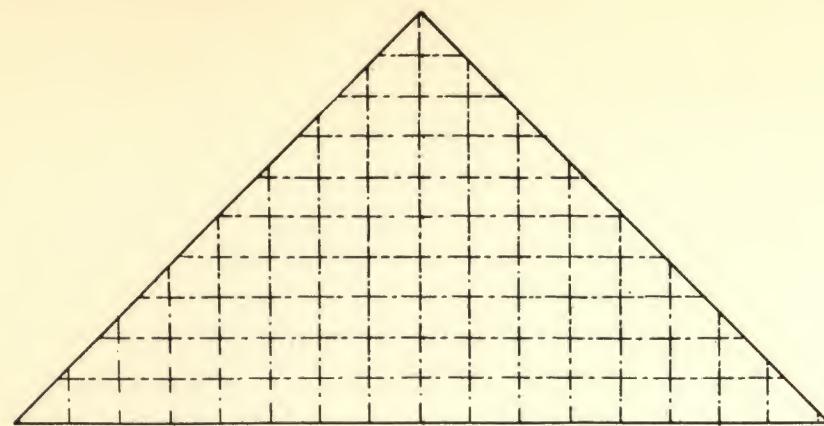


PLAN OF COVER



END VIEW OF COVER





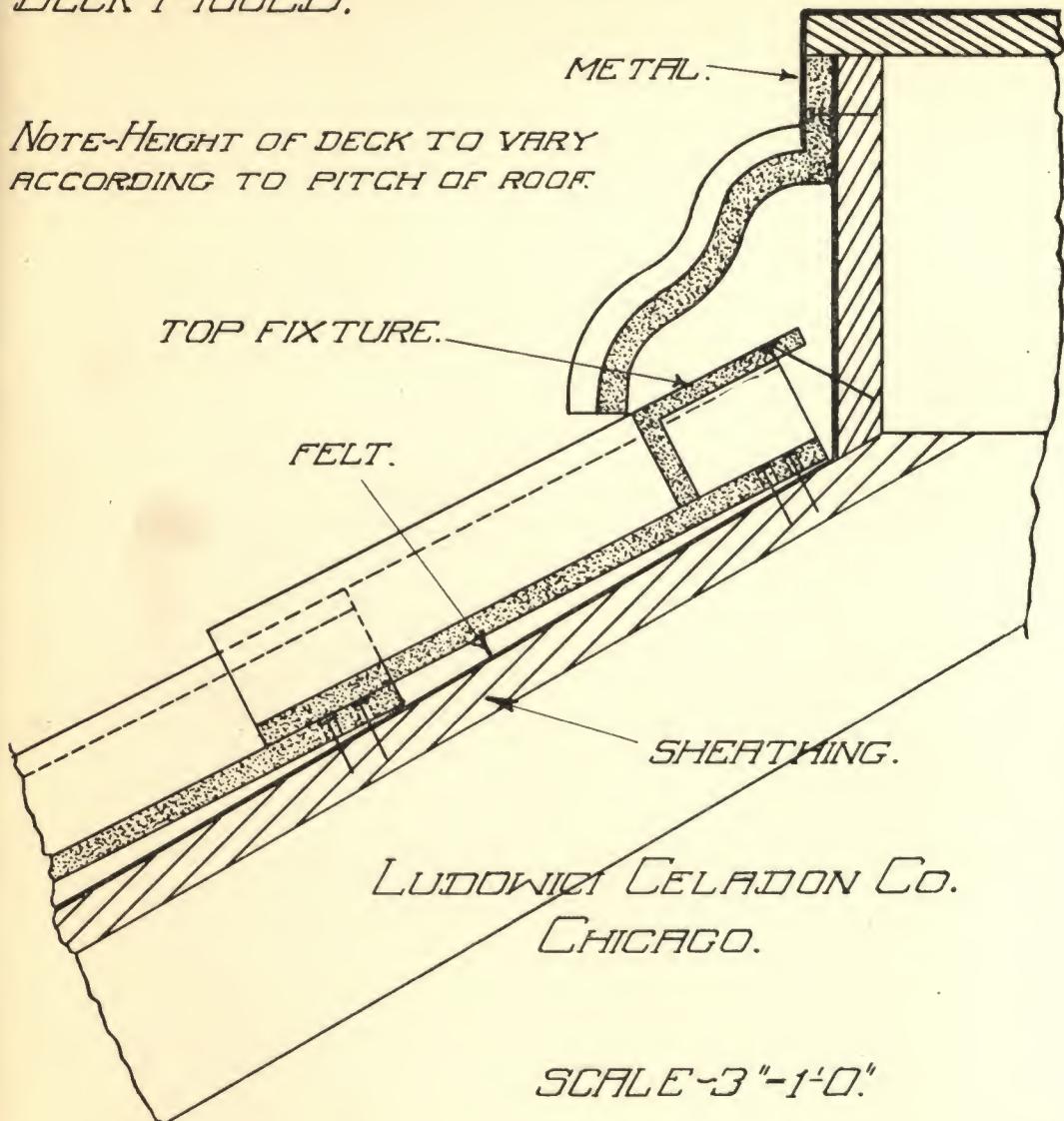
These illustrations show the proper method of lining roof for "Imperial" Roman Tile.

These tile lay approximately 12 inches width, center to center of covers, by 10 inches length. However, all shale tile has a range of size according to shade, which must be taken into consideration when lining roof. Therefore, spacing must be increased or decreased as the shipment requires, but not so as to stretch the courses.

The sectional drawing shows the tile laid in connection with the gutter.

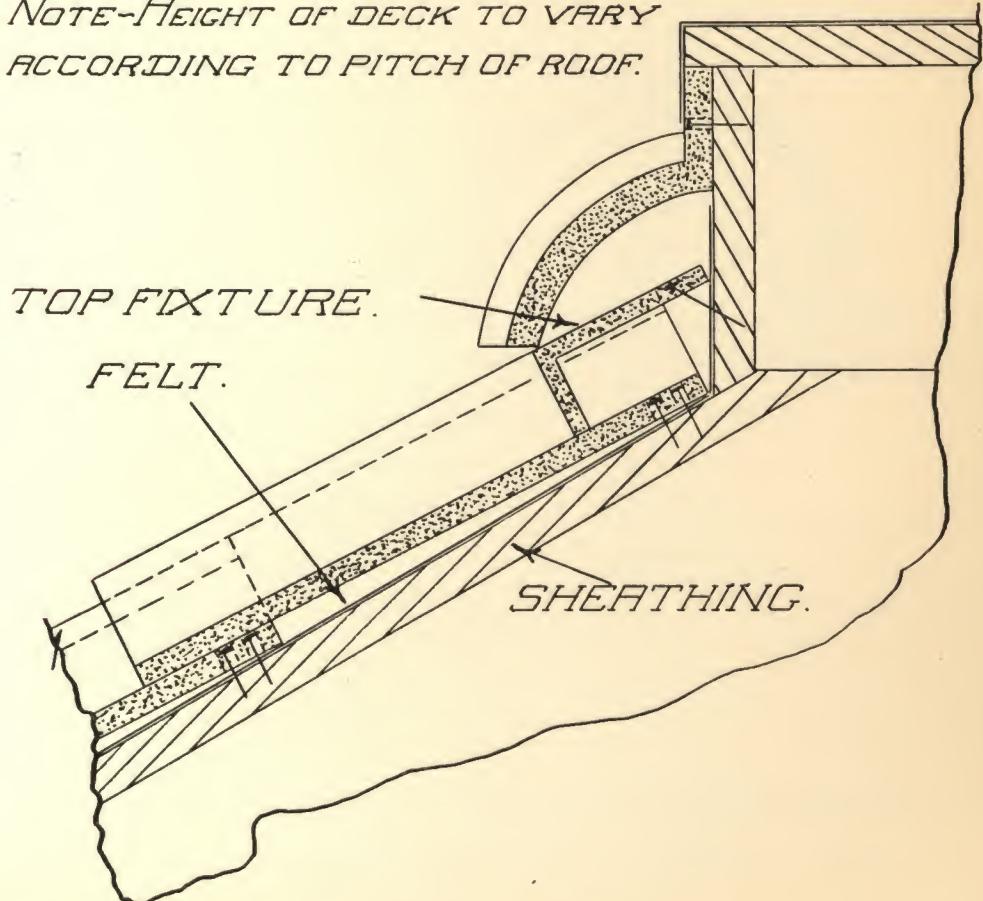


DETAIL SHOWING DECK CONSTRUCTION
FOR "IMPERIAL" SPANISH TILE AND NO. 206
DECK MOULD.



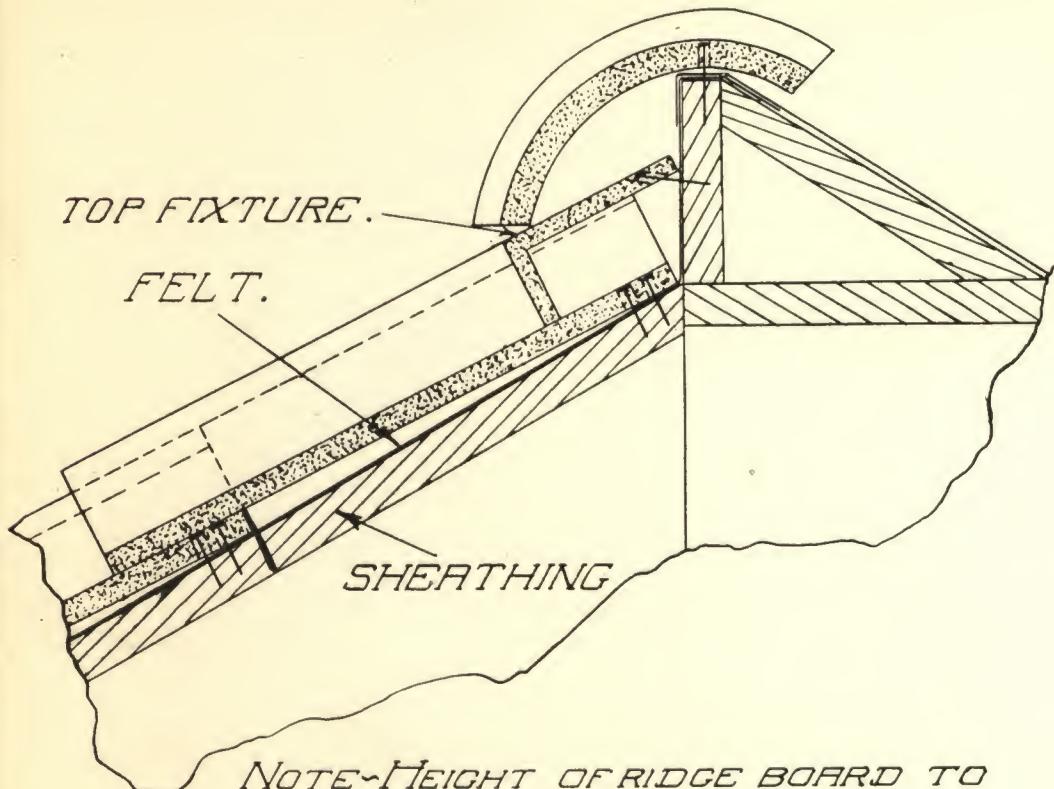
DETAIL SHOWING DECK CONSTRUCTION
FOR "IMPERIAL" SPANISH TILE AND N°
215 Deck Mould.

Note-Height of deck to vary according to pitch of roof.



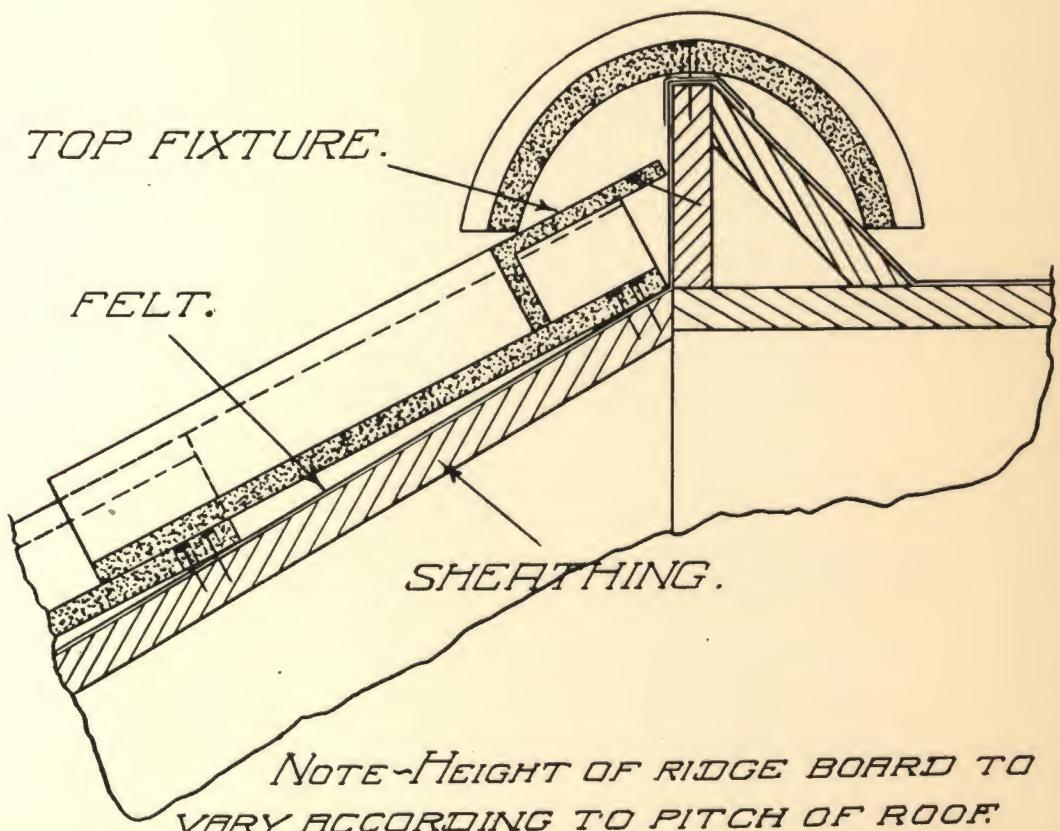


DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" SPANISH TILE AND N° 215
 DECK MOULD CUT OFF RIDGE TYPE.



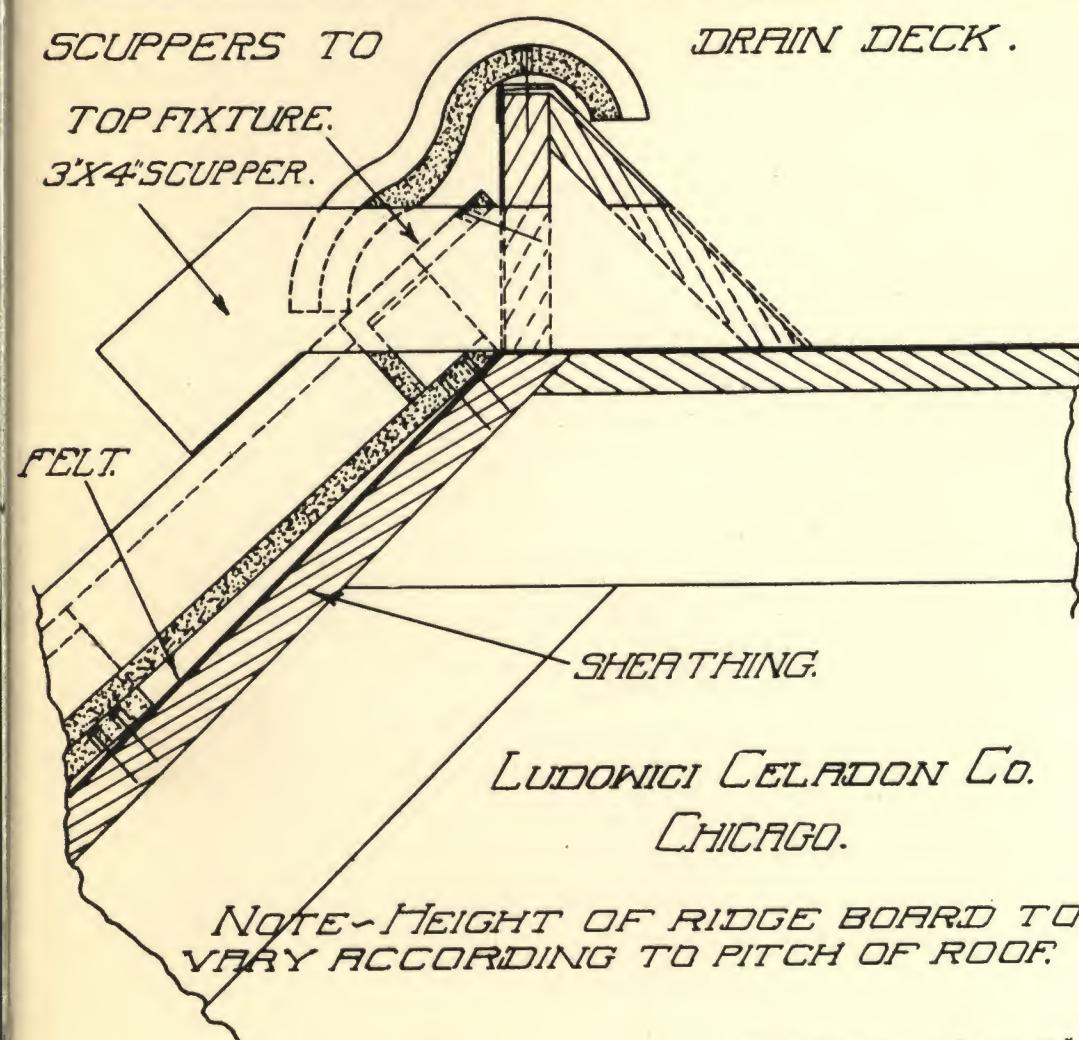
LUDOWICI CELADON Co. SCALE 3'-1¹/0."

DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" SPANISH TILE AND N° 215 RIDGE.
 LUDOWICI CELADON Co. SCALE 3'-1¹/0"



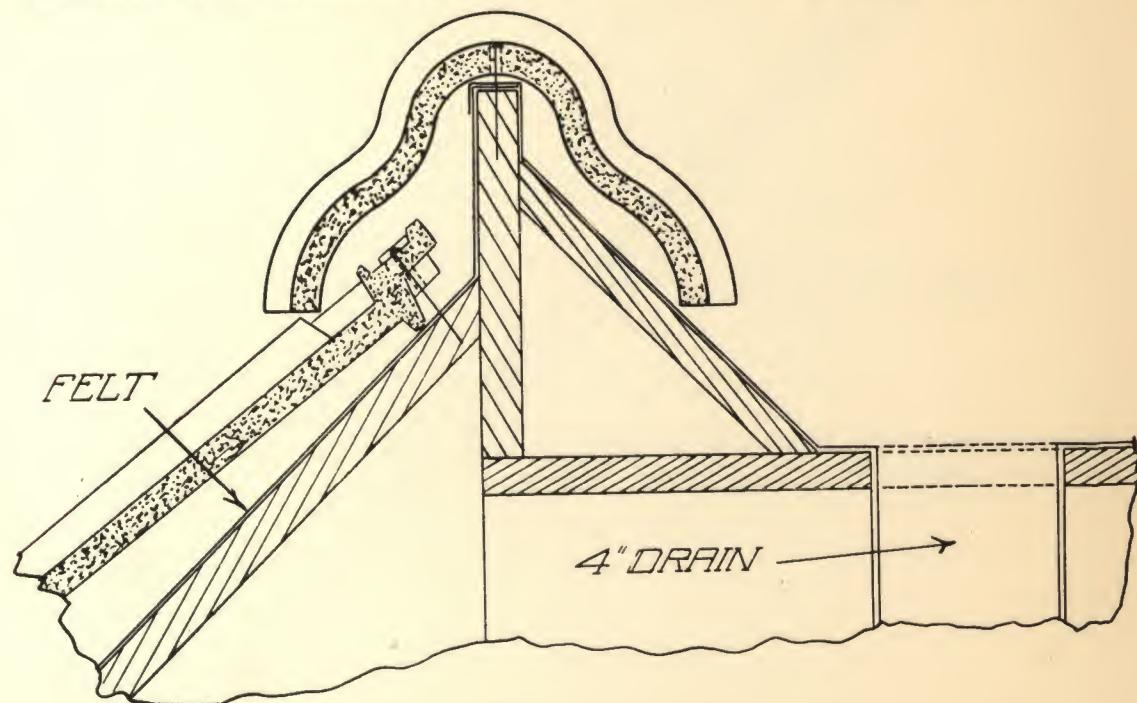


DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" SPANISH TILE AND N° 206 DECK
 MOULD CUT OFF RIDGE TYPE USING 3"X4"
 SCUPPERS TO DRAIN DECK.



DETAIL OF "IMPERIAL" GERMAN TILE WITH
 N° 206 RIDGE AND SUNKEN DECK.
 Ludowici Celadon Co.

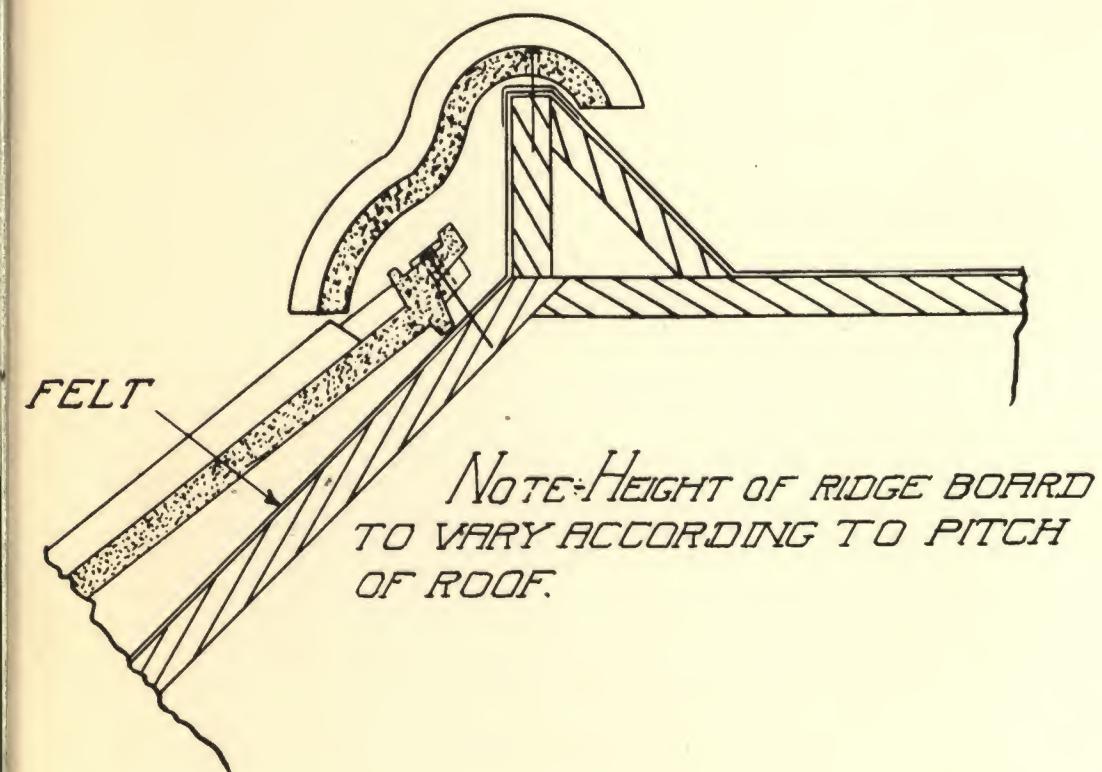
SCALE 3'-1'-0"



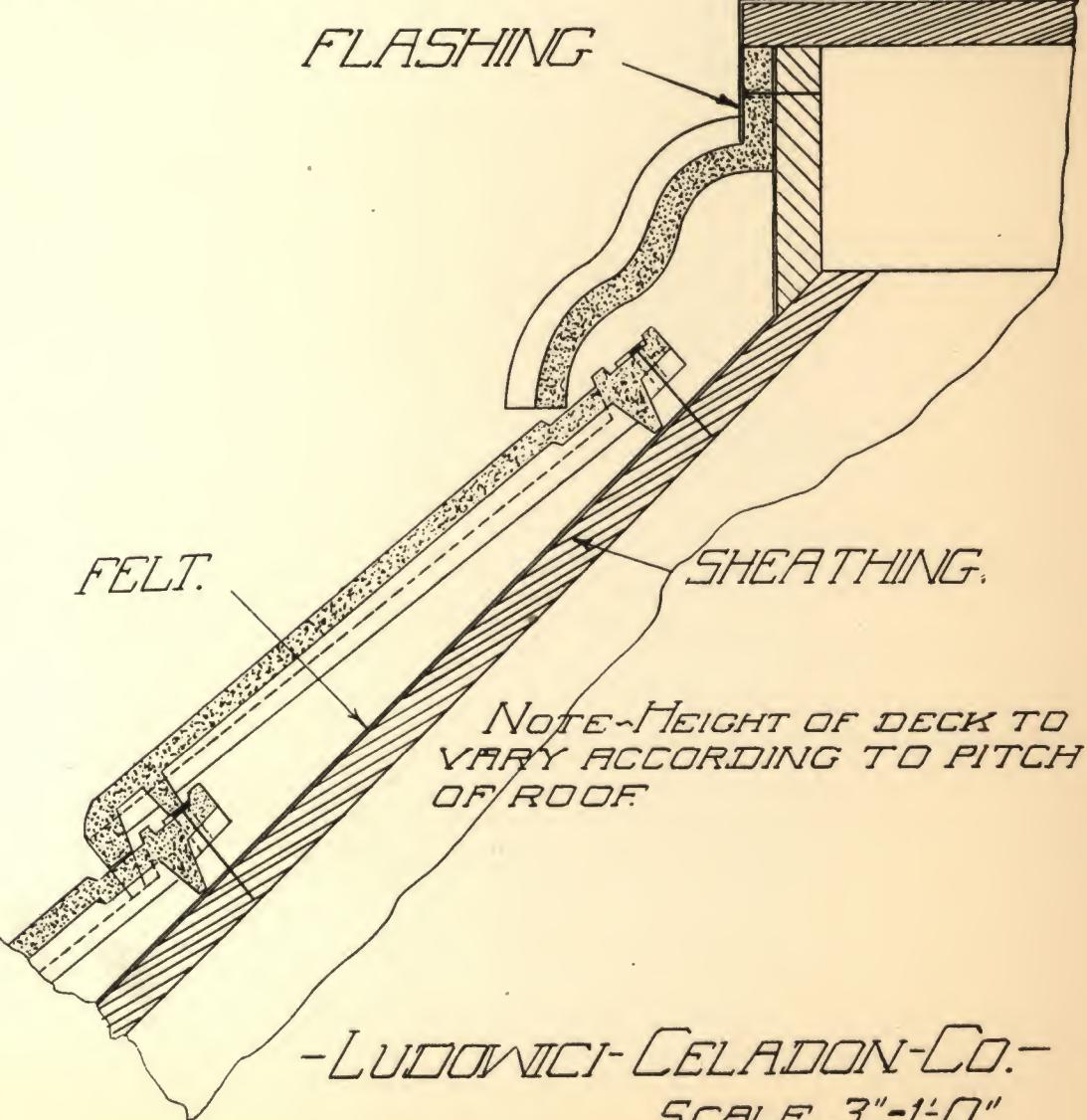


DETAIL OF "IMPERIAL" GERMAN TILE WITH
Nº 206 DECK MOULD CUT OFF RIDGE TYPE
AND SUNKEN DECK.

LUDOWICI CELADON CO. SCALE 3"-1'-0."

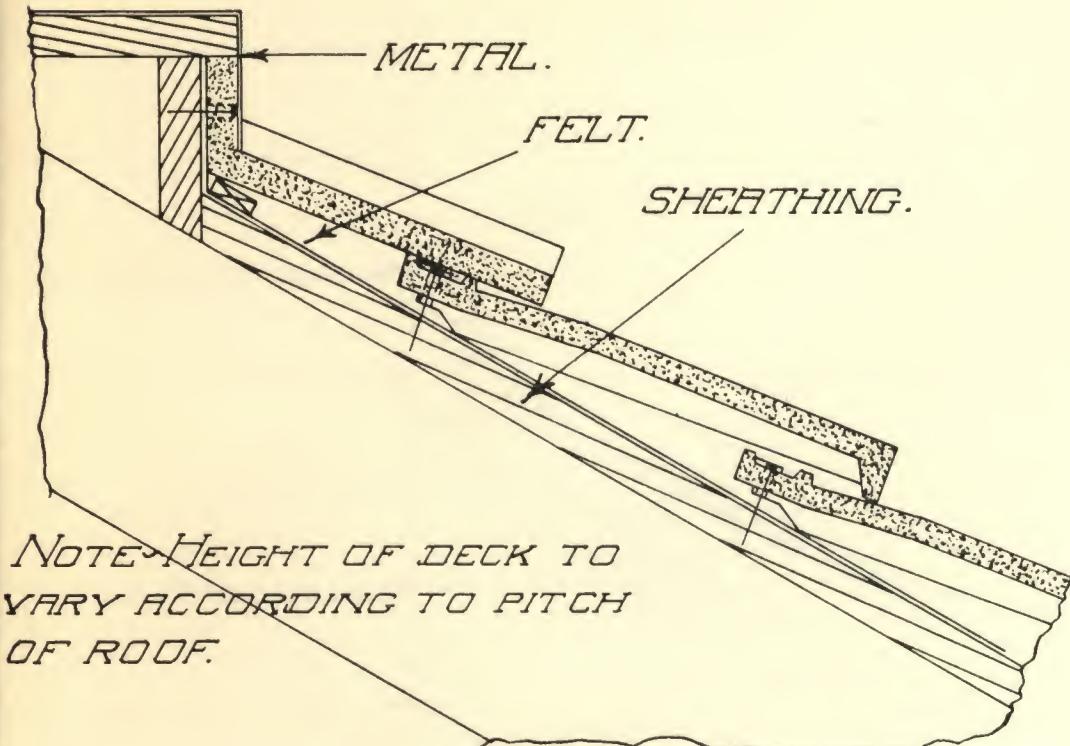


DETAIL OF "IMPERIAL" GERMAN TILE WITH
Nº 206 DECK MOULD.



-LUDOWICI- CELADON - CO. -
SCALE 3"-1'-0"

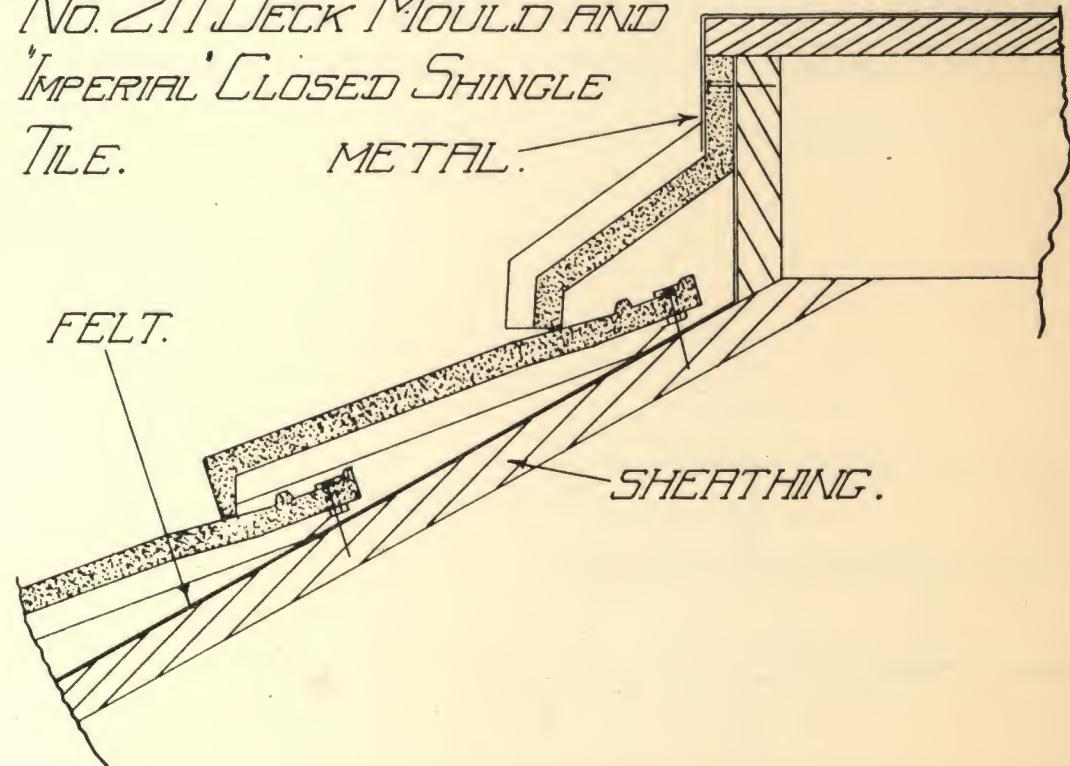
DETAIL SHOWING DECK CONSTRUCTION FOR
 "IMPERIAL" CLOSED SHINGLE TILE AND
 No. 203 Deck Mould.



LUDOWICI CELADON Co.
 CHICAGO.

SCALE 3"-1'-0".

DETAIL SHOWING DECK CONSTRUCTION FOR
 No. 211 Deck Mould AND
 "IMPERIAL" CLOSED SHINGLE
 TILE.



NOTE - HEIGHT OF DECK TO VARY
 ACCORDING TO PITCH OF ROOF

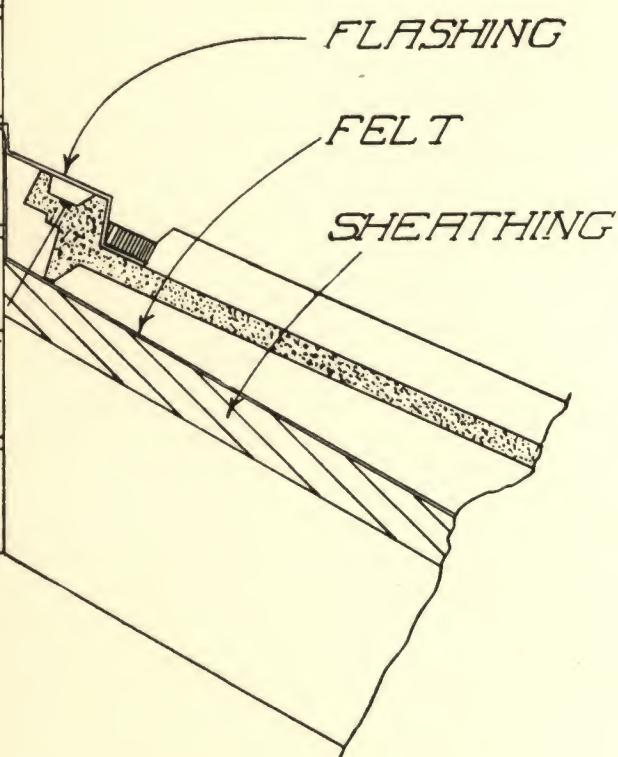
LUDOWICI CELADON Co

SCALE 3"-1'-0".

DETAIL SHOWING METHOD OF
FLASHING AT BASE OF DORMERS
AND AGAINST BRICK WALLS.

LUDOWICI CELADON CO.

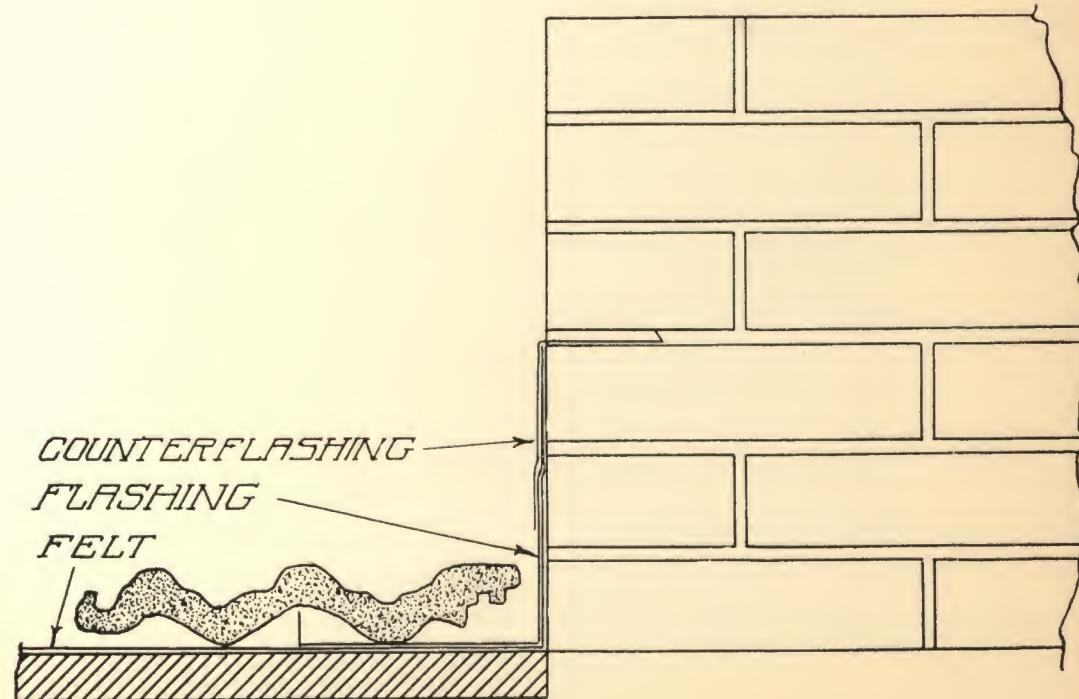
SCALE 3'-1-0"

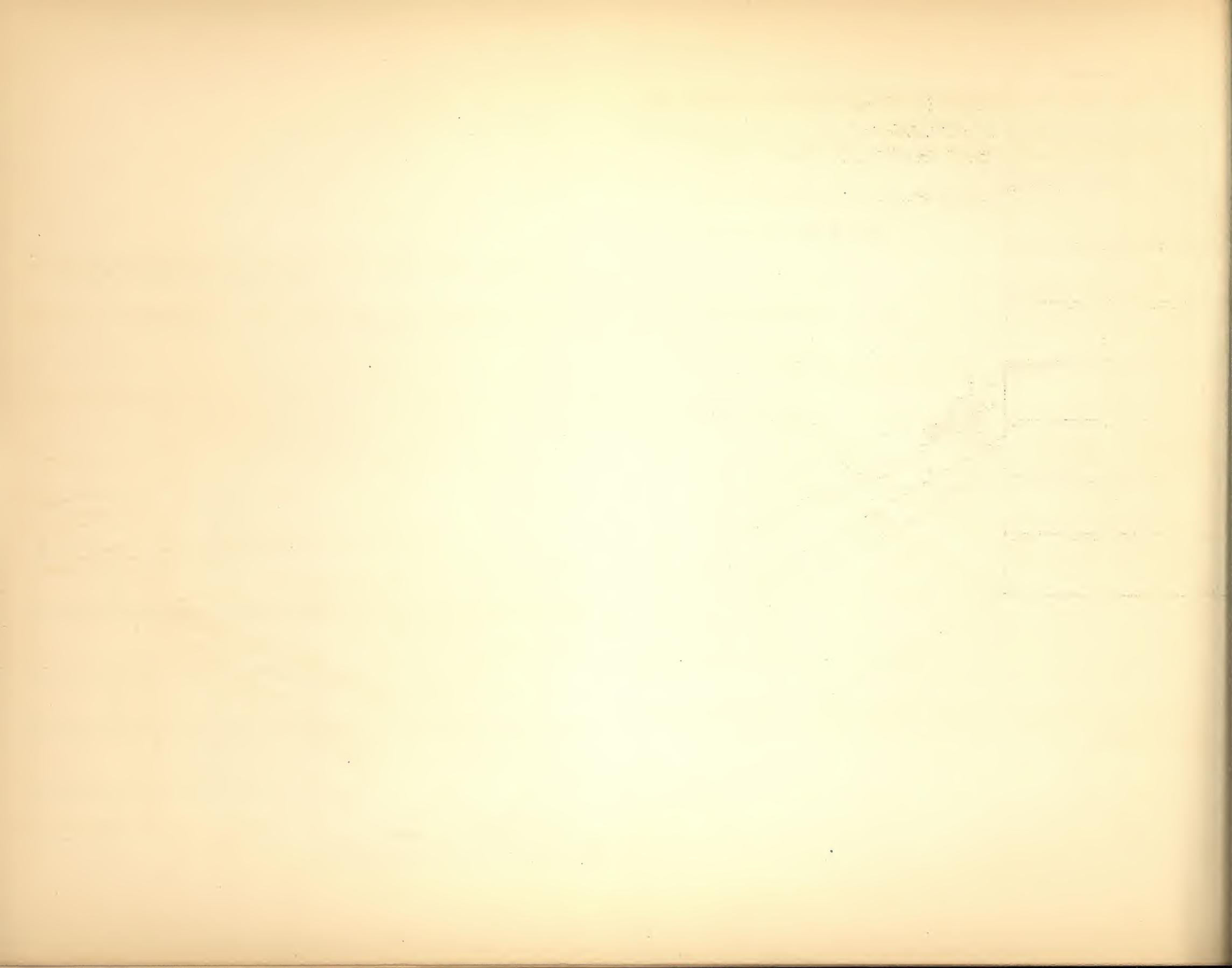


DETAIL SHOWING METHOD OF FLASHING AGAINST
PERPENDICULAR WALL FOR INTERLOCKING TILE

LUDOWICI CELADON CO

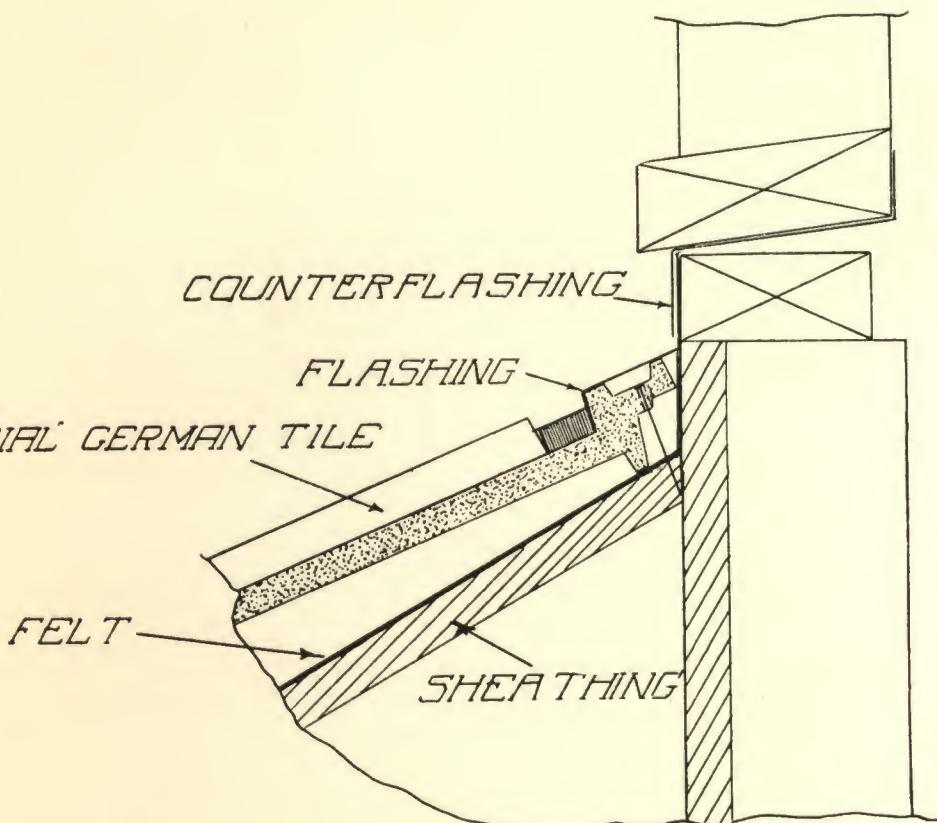
SCALE 3'-1-0"





DETAIL OF FLASHING FOR DORMER WINDOW.

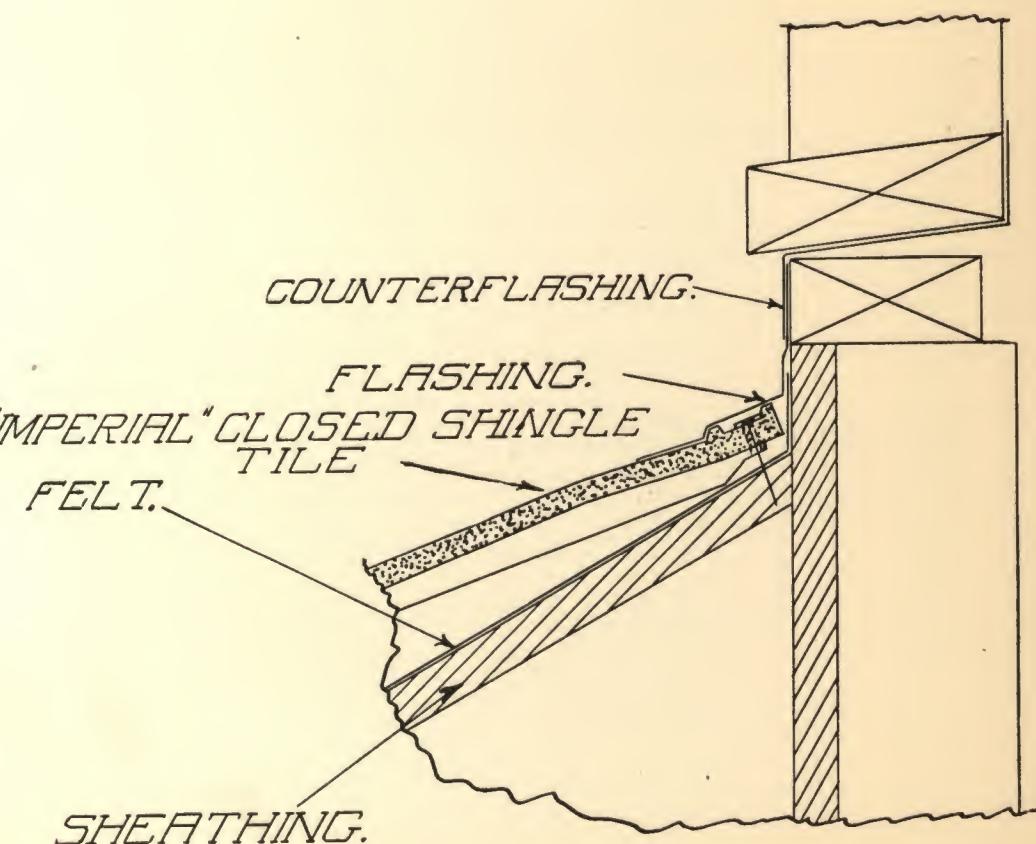
LUDOWICI CELADON CO. SCALE 0"-1'-0"



NOTE - METHOD SAME FOR ALL PATTERNS OF TILE.

DETAIL OF FLASHING FOR DORMER WINDOW.

LUDOWICI CELADON CO. SCALE 3"-1'-0"

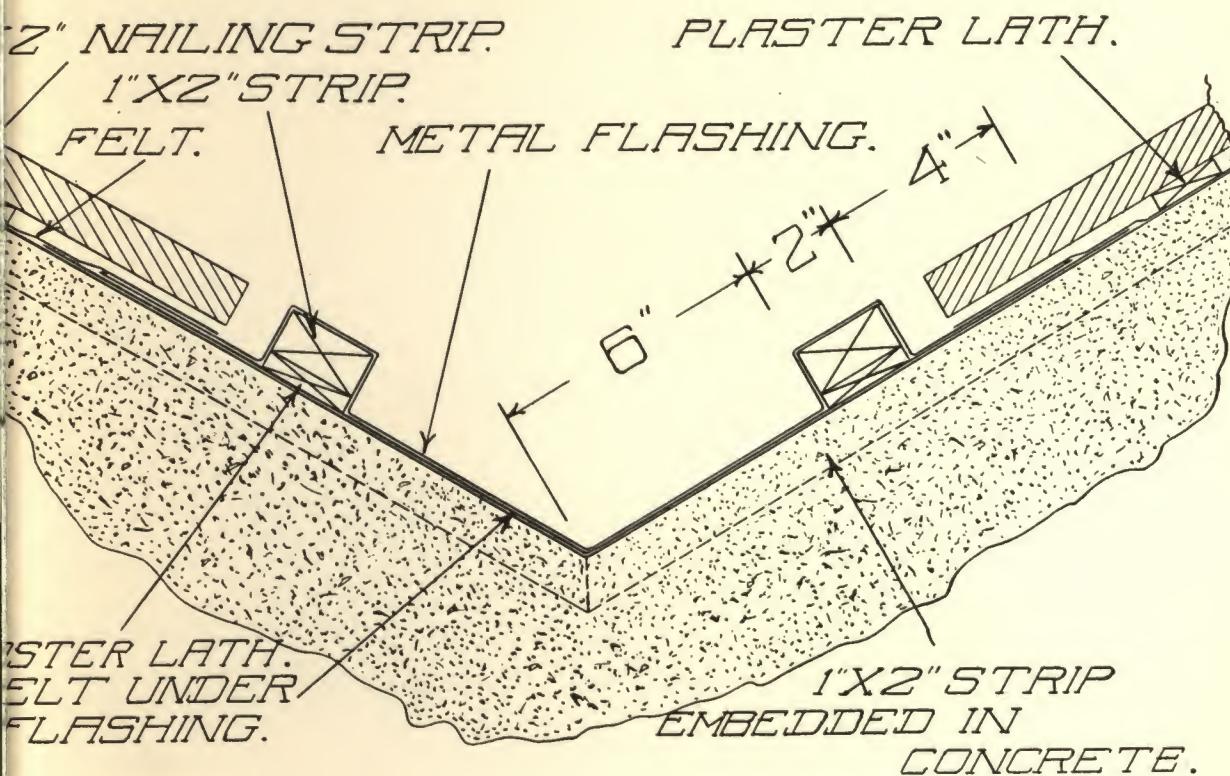




DETAIL SHOWING METHOD OF FLASHING
VALLEY ON CONCRETE ROOF BASE.

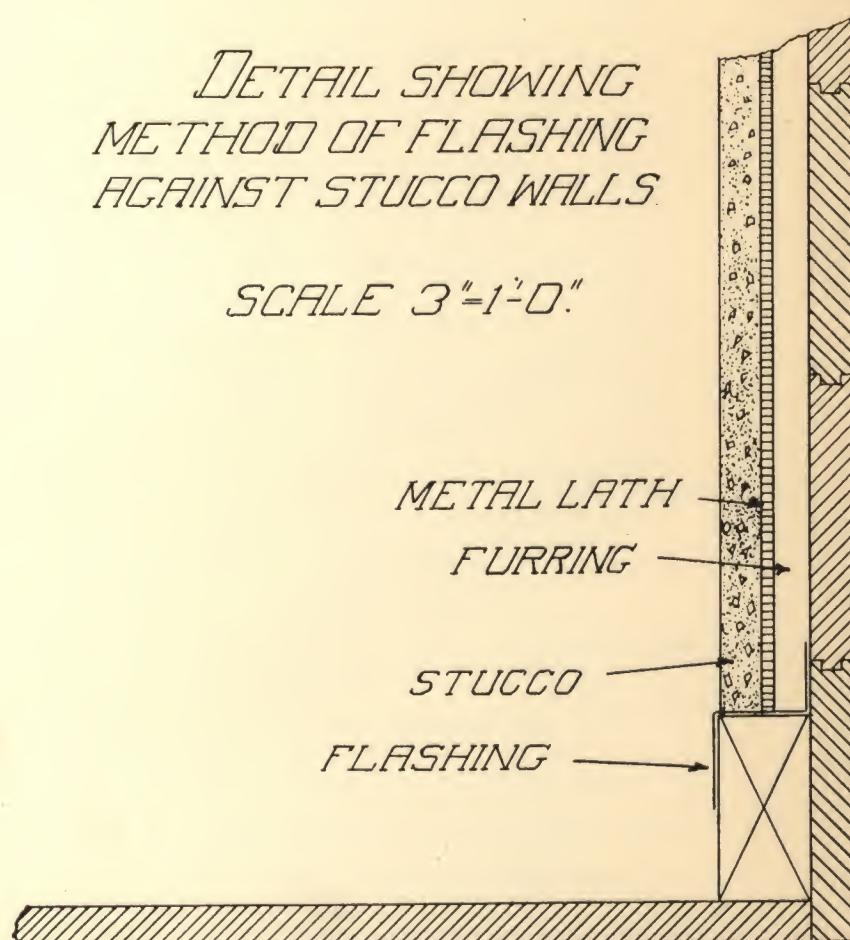
UDOWICI CELADON Co.

SCALE 3'-1-0."



DETAIL SHOWING
METHOD OF FLASHING
AGAINST STUCCO WALLS.

SCALE 3'-1-0."

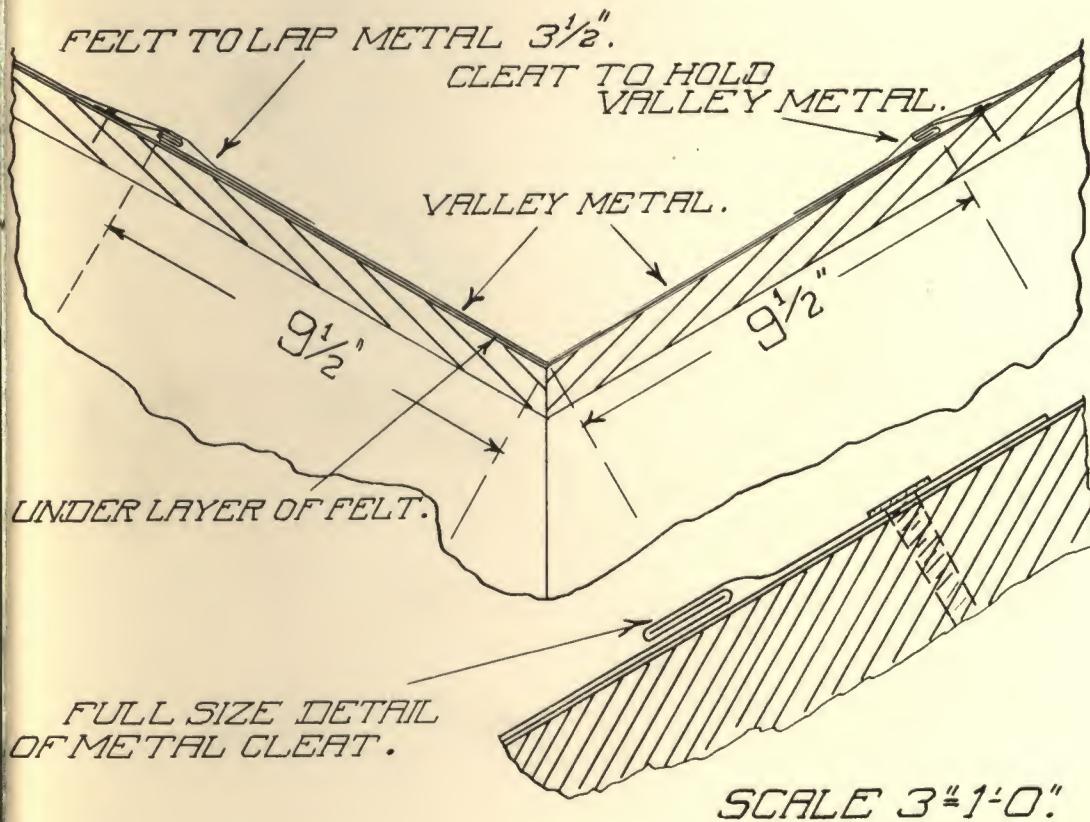




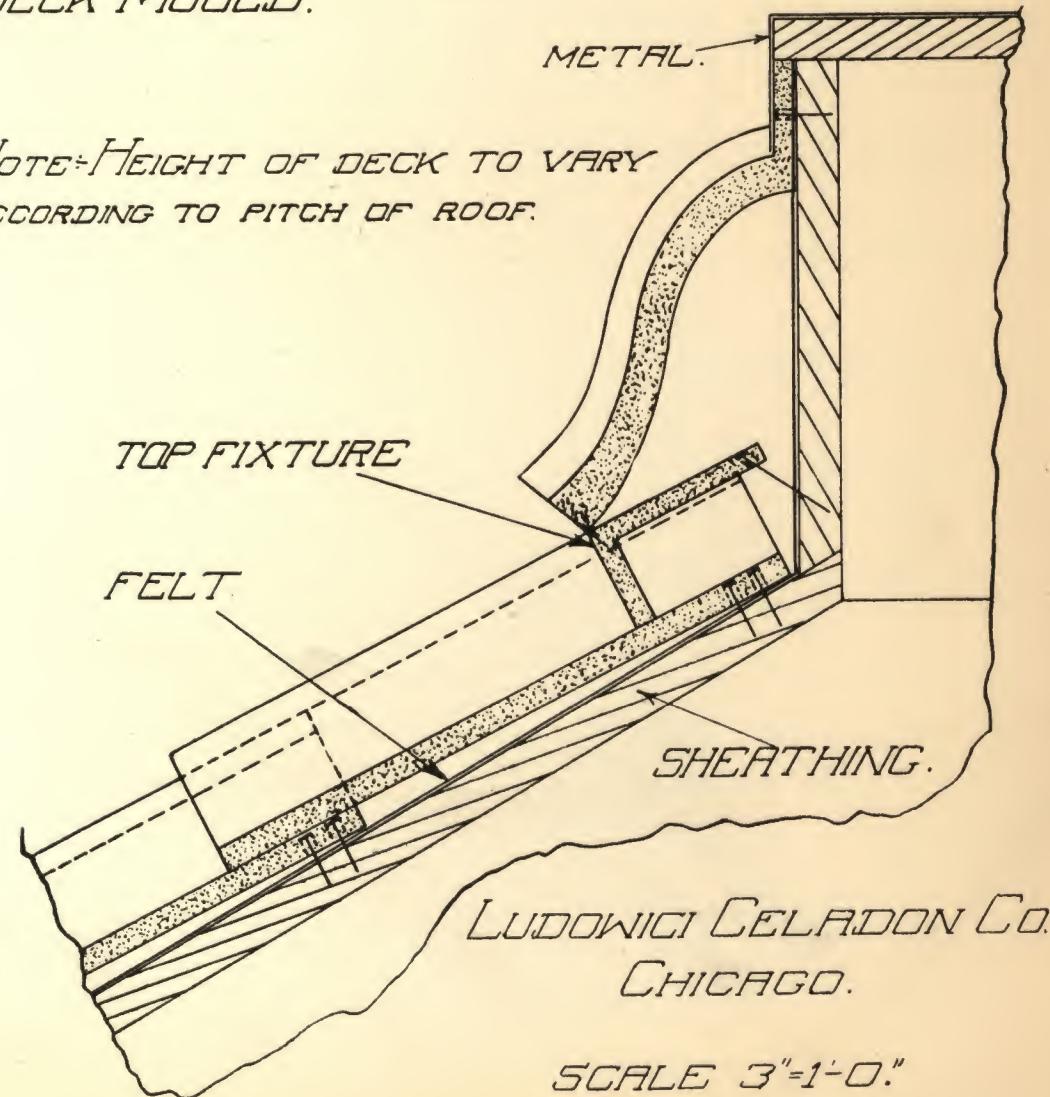
DETAIL OF VALLEY METAL.

MINIMUM WIDTH OF METAL 20 INCHES.
VALLEYS MORE THAN 20 FT. LONG OR
WHEN DISCHARGE OF WATER GREAT
METAL TO BE WIDENED ACCORDINGLY.

LUDOWICI CELADON CO.

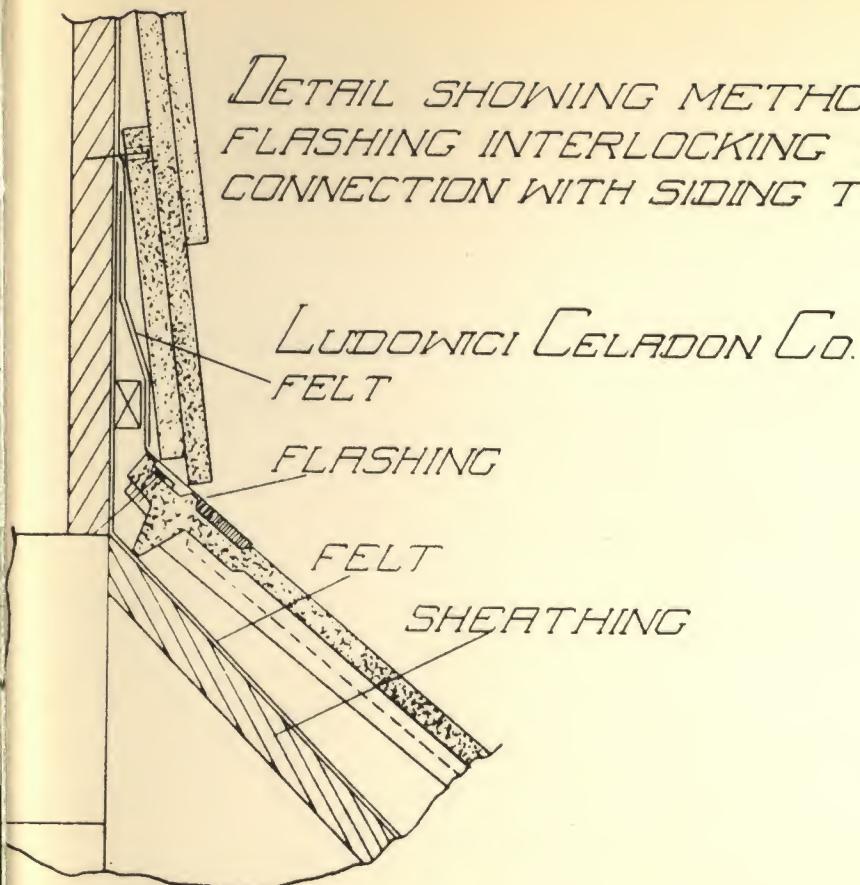


*DETAIL SHOWING DECK CONSTRUCTION
FOR "IMPERIAL" SPANISH TILE AND NO. 213
DECK MOULD.*



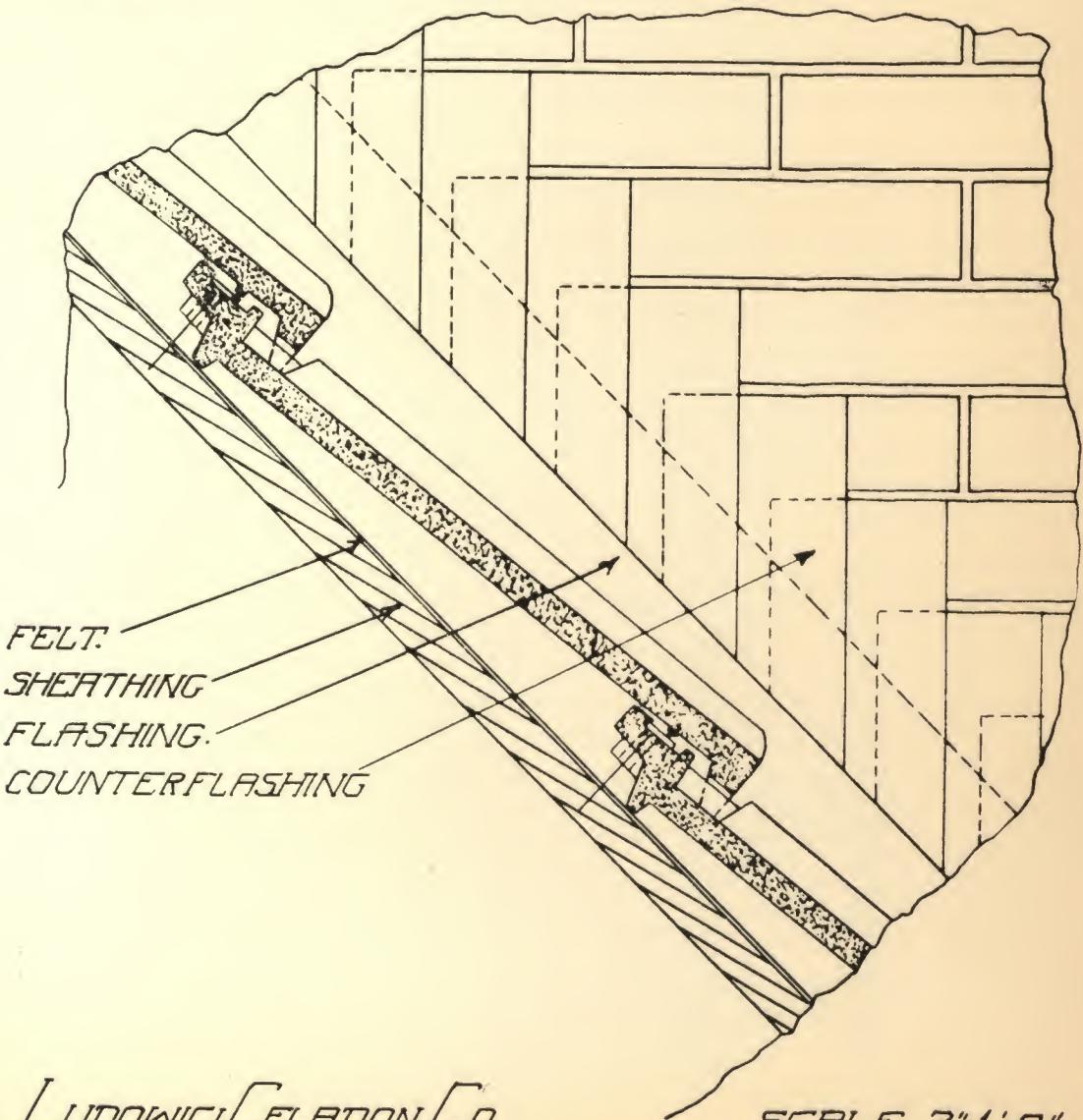


DETAIL SHOWING METHOD OF
FLASHING INTERLOCKING TILE IN
CONNECTION WITH SIDING TILE.



SCALE 3'-1-0."

DETAIL SHOWING METHOD OF FLASHING AGAINST
PERPENDICULAR WALLS FOR INTERLOCKING & SPANISH
TILES.

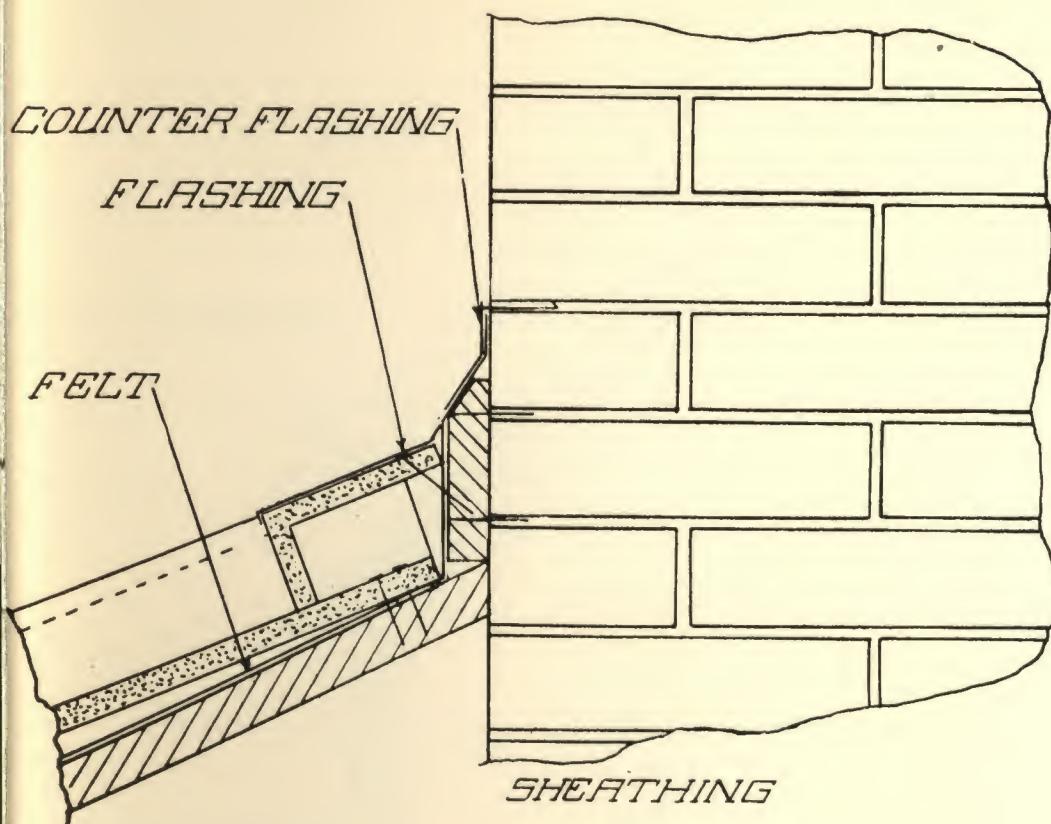


LUDOWICI CELADON CO.

SCALE 3'-1-0."



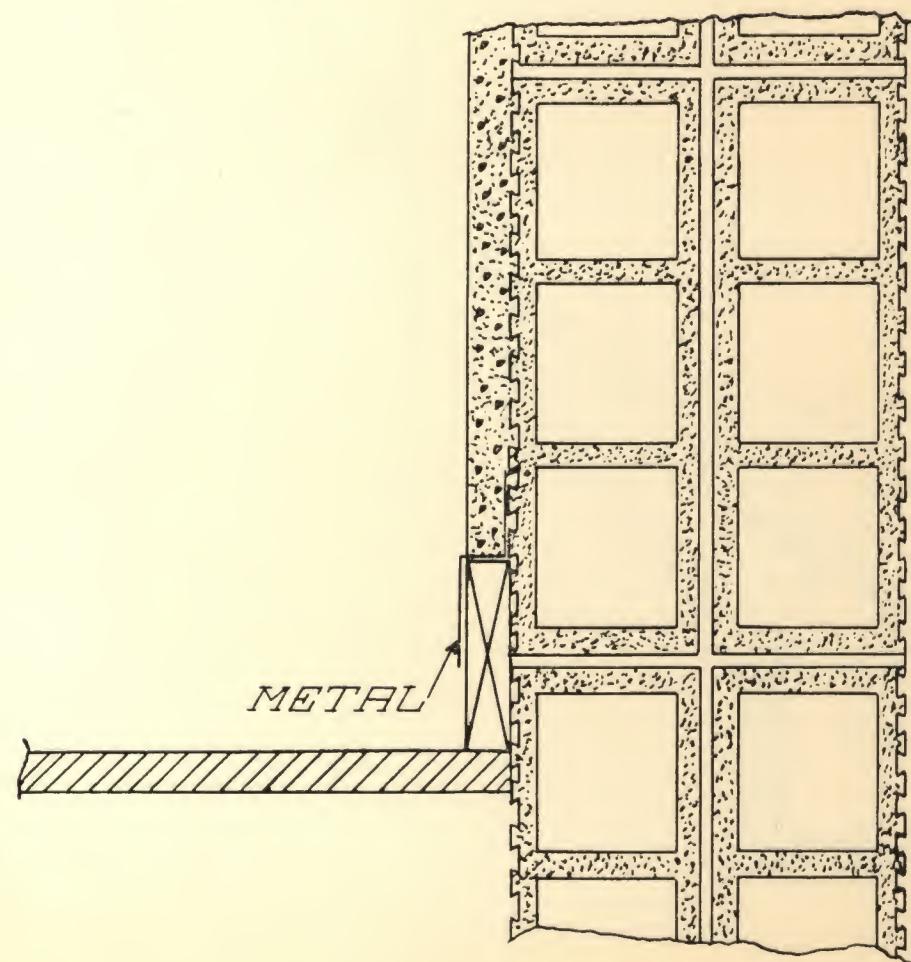
DETAIL SHOWING METHOD OF FLASHING TOP
OF IMPERIAL SPANISH TILE AGAINST
BRICK WALLS



LUDOWICI-CELA DON CO.

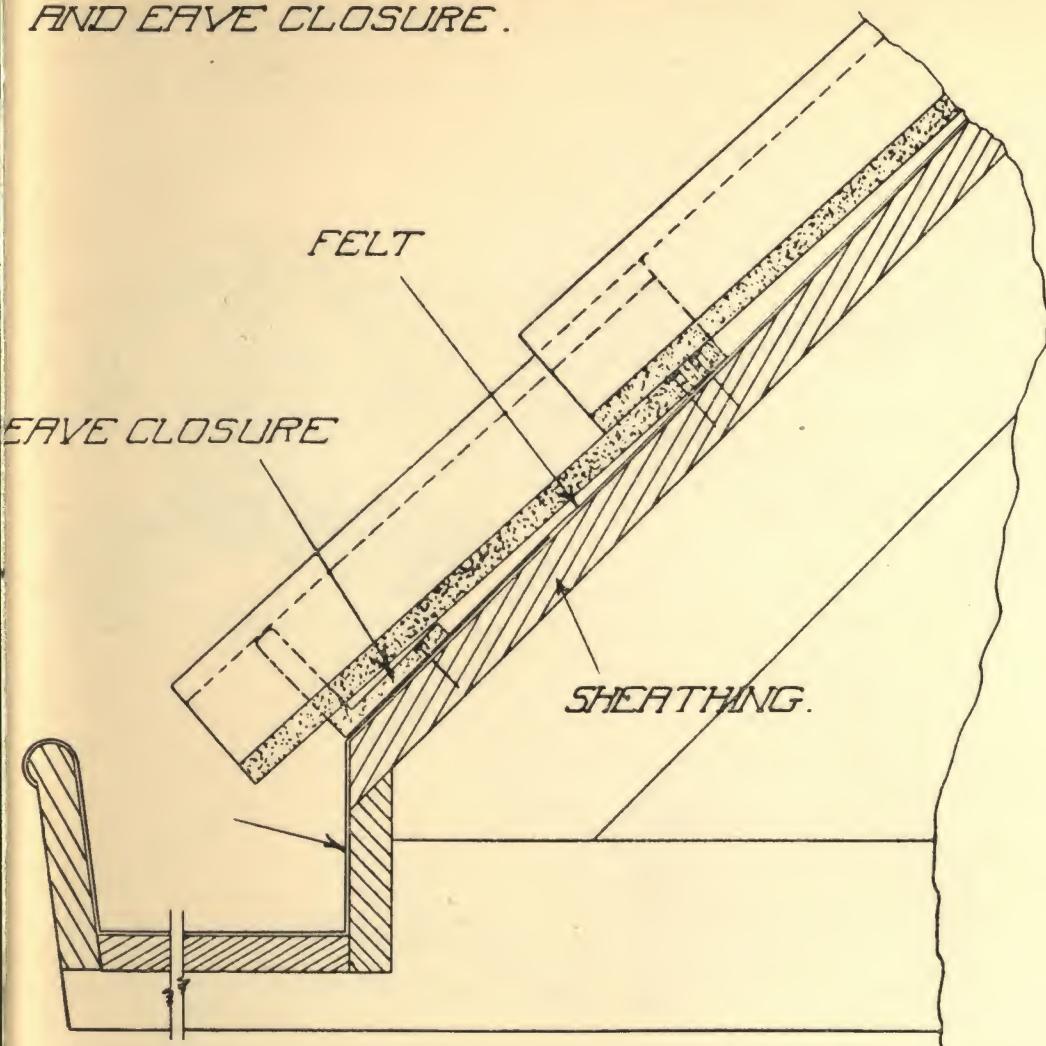
SCALE 3" 1-0"

DETAIL SHOWING METHOD OF FLASHING
UNDER STUCCO AGAINST HOLLOW TILE
LUDOWICI-CELA DON Co. SCALE 3"-1-0"





DETAIL THRU GUTTER SHOWING GUTTER
FLASHING WITH "IMPERIAL" SPANISH TILE
AND EAVE CLOSURE.

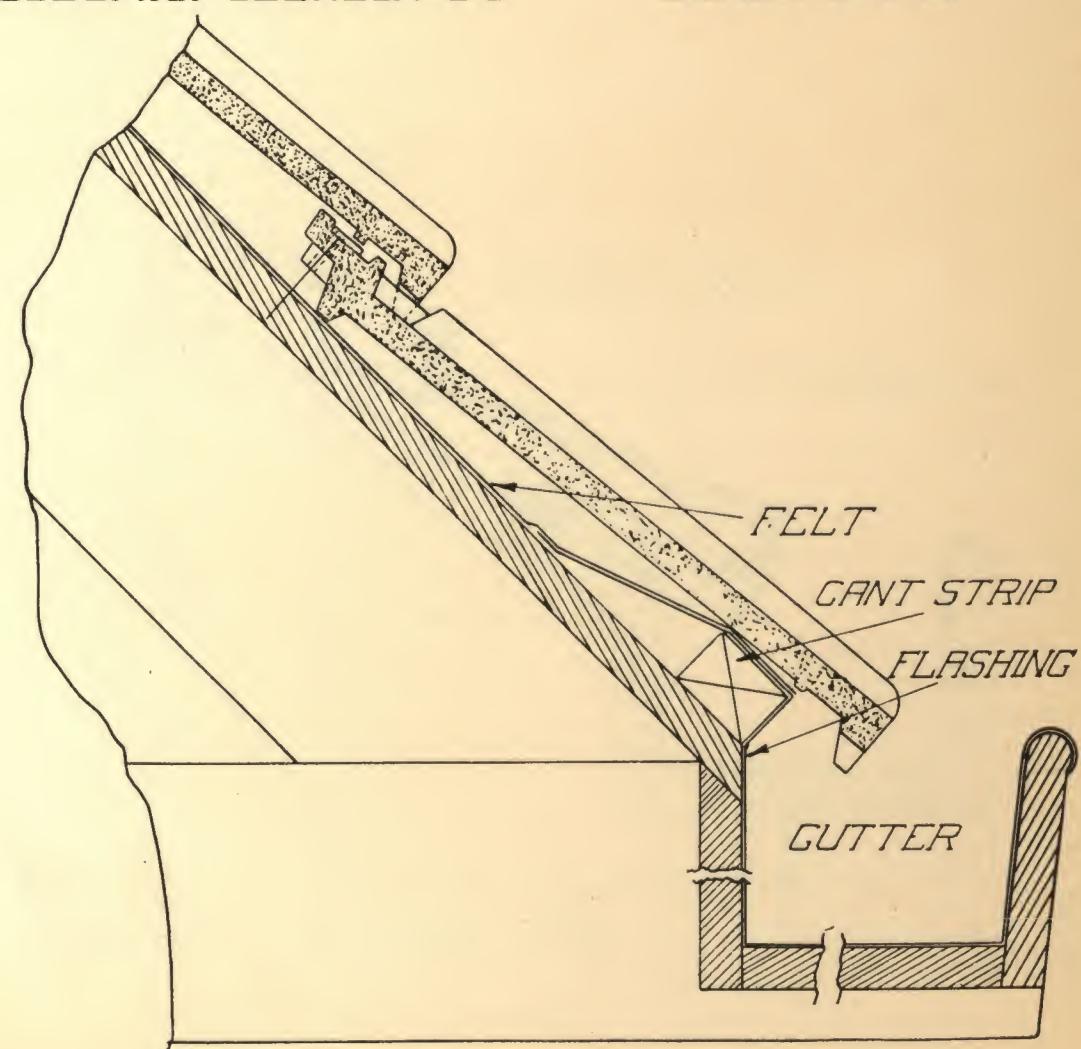


LUDOWICI CELADON Co.

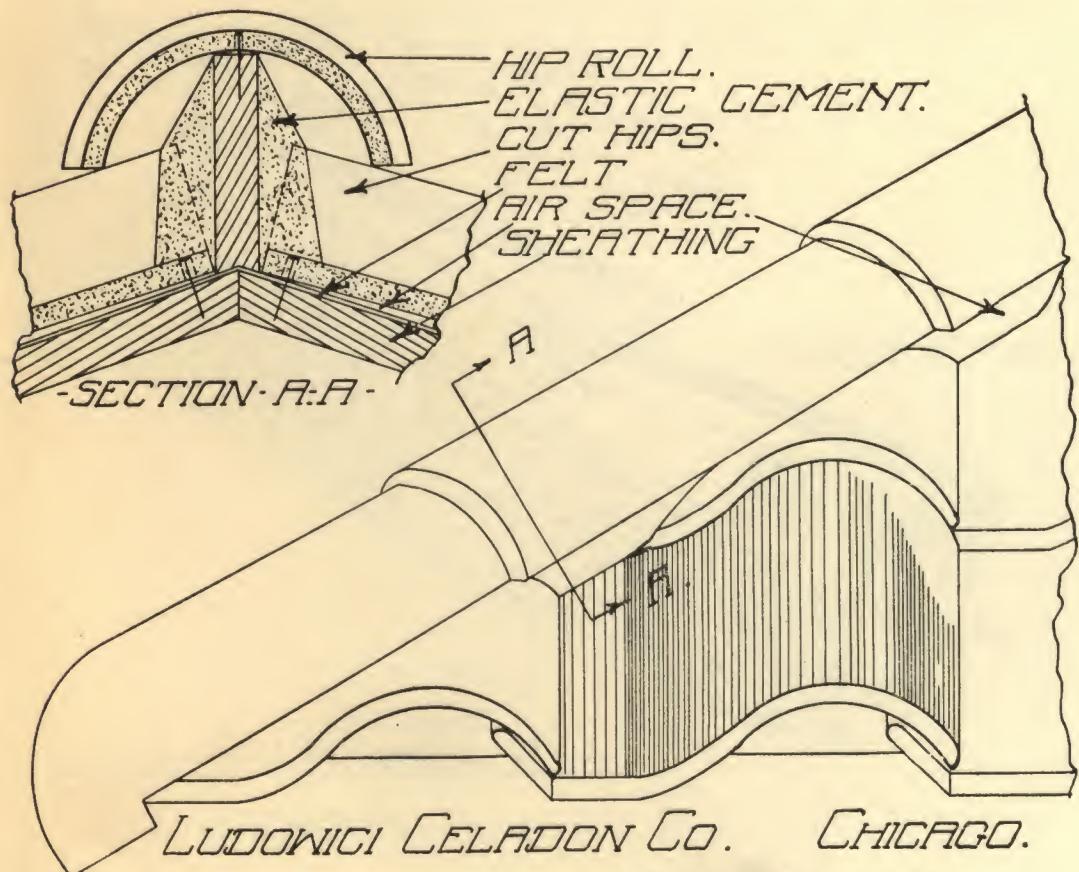
SCALE 3'-1"-0."

DETAIL THRU GUTTER SHOWING CANT STRIP AND
GUTTER METAL UNDER "IMPERIAL" GERMAN TILE.
LUDOWICI CELADON Co

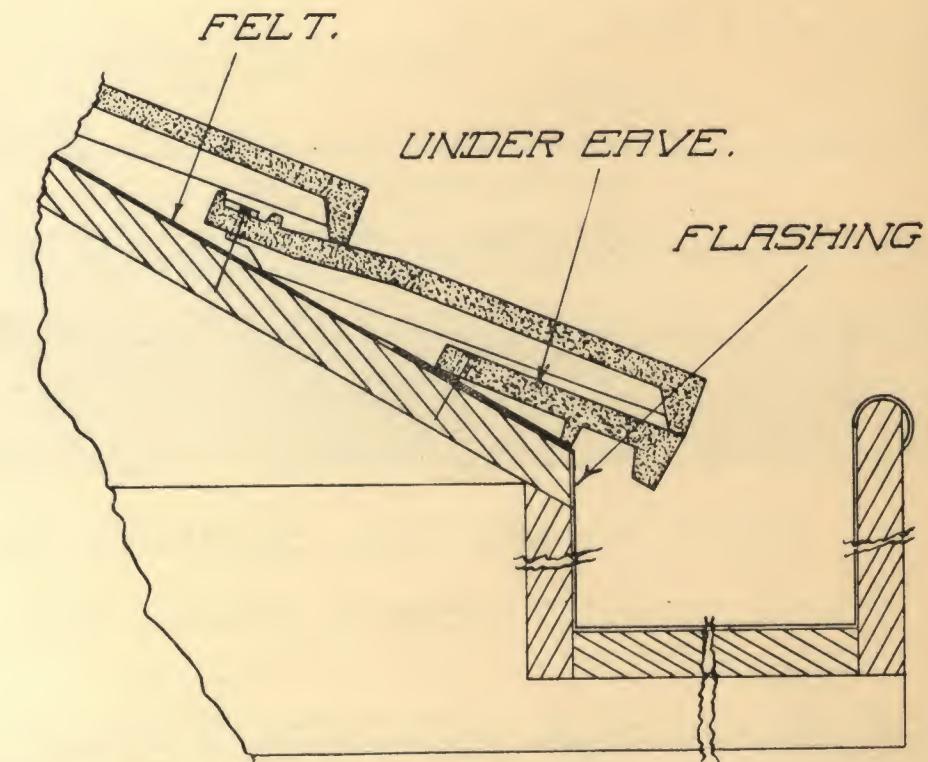
SCALE 3'-1"-0."

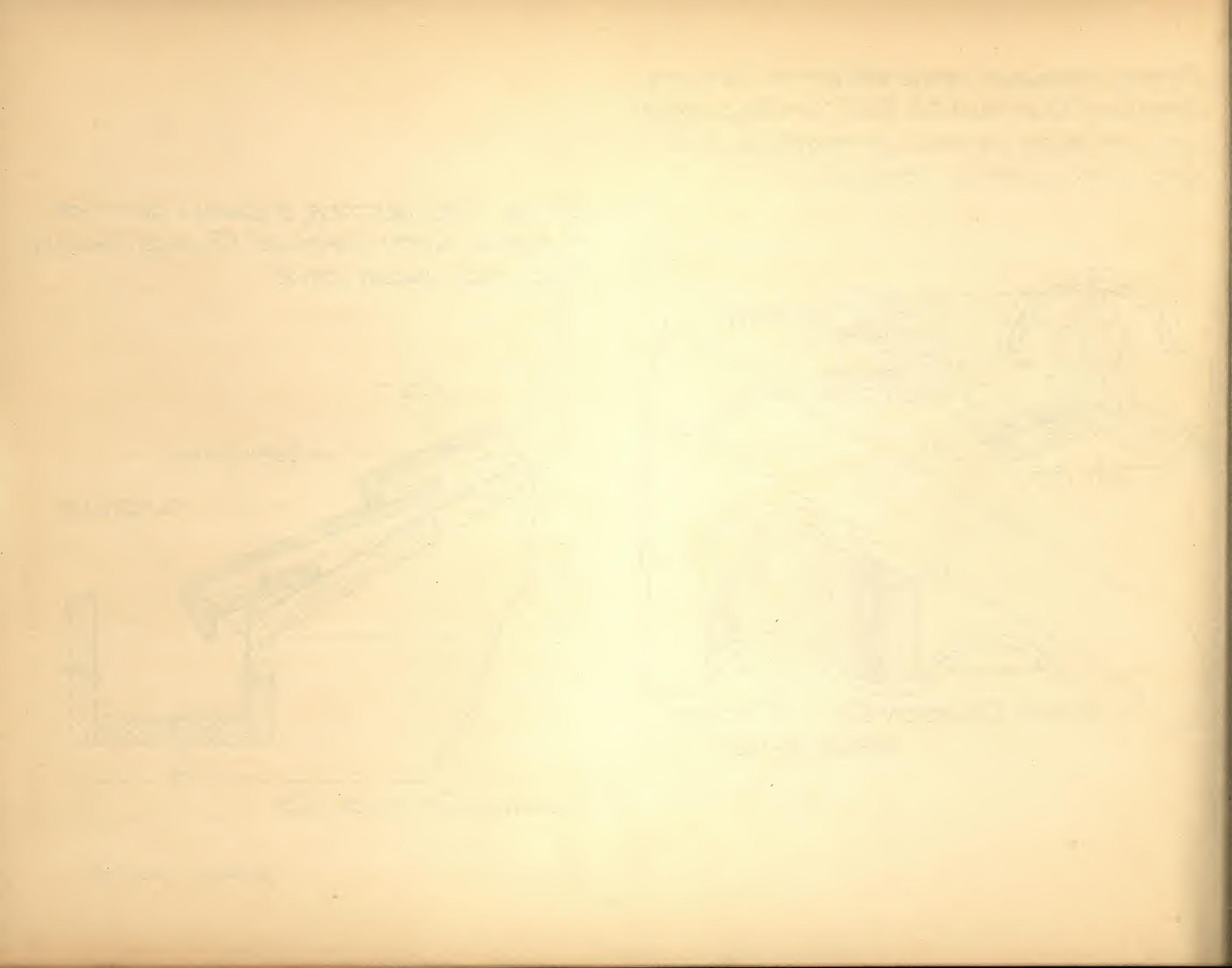


DETAIL SHOWING APPEARANCE OF "IMPERIAL"
SPANISH TILE AND NO.102 HIP ROLL WHEN
LAID UP, ALSO METHOD OF POINTING CUT
HIPS WITH ELASTIC CEMENT

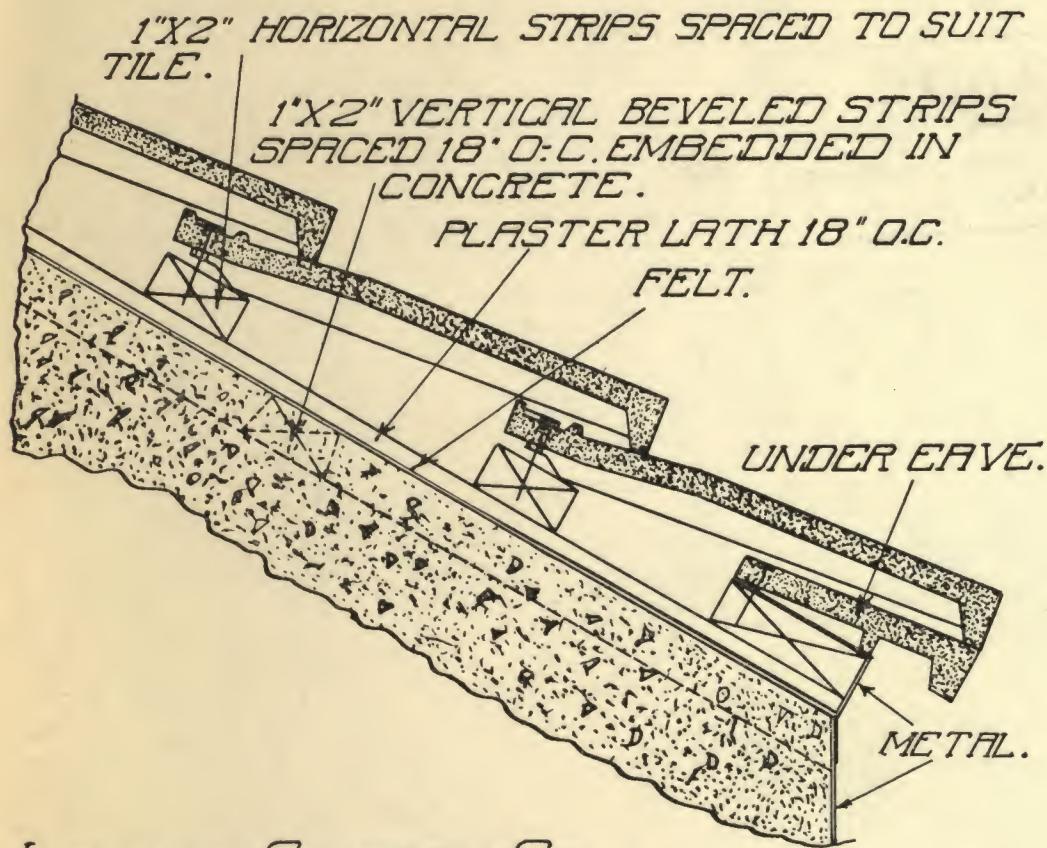


DETAIL THRU GUTTER SHOWING GUTTER
FLASHING WITH "IMPERIAL" CLOSED SHINGLE
TILE AND UNDER EAVE.





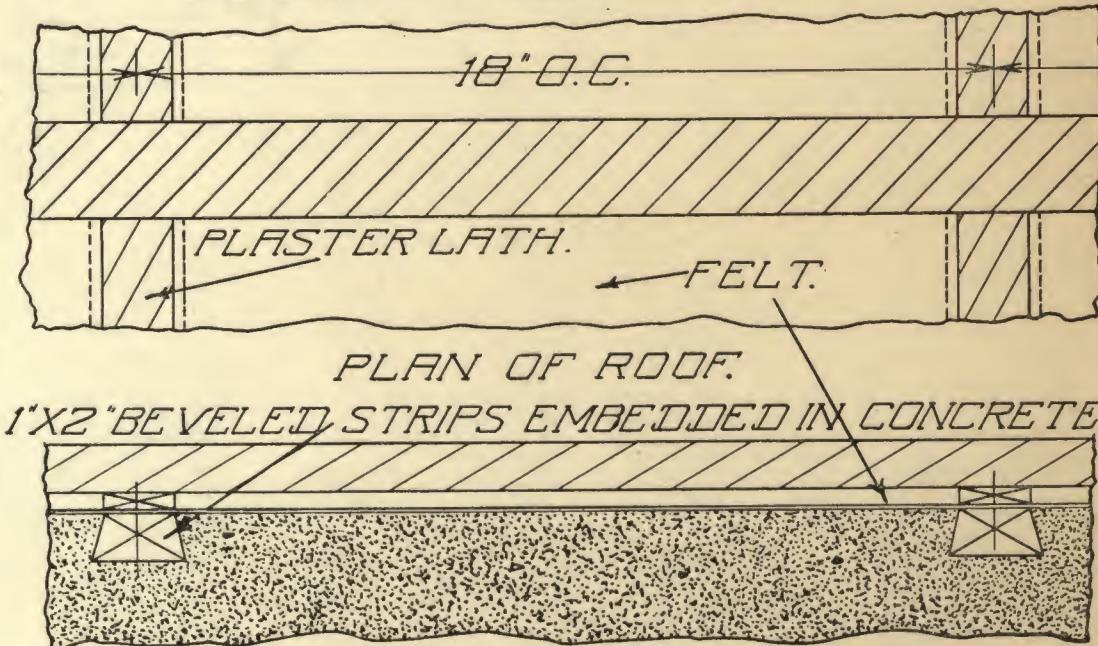
DETAIL SHOWING METHOD OF SPACING
STRIPS ON CONCRETE ROOF BASE FOR
"IMPERIAL" CLOSED SHINGLE TILE.



LUDOWICI CELADON CO.
CHICAGO.

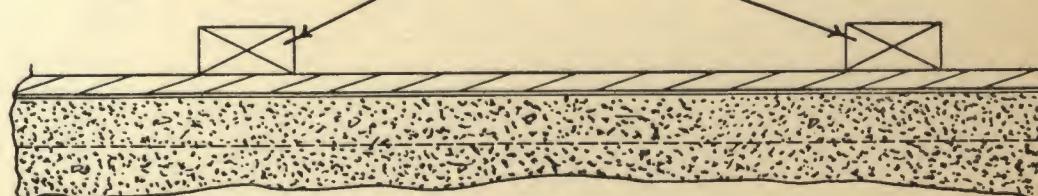
SCALE 3'-1"-0".

DETAIL SHOWING METHOD OF SPACING
STRIPS ON CONCRETE ROOF BASE FOR
"IMPERIAL" ROOFING TILES



LONGITUDINAL SECTION OF ROOF.

1"X2" STRIPS SPACED TO SUIT TILE.



CROSS SECTION OF ROOF.

LUDOWICI CELADON CO. SCALE 3'-1"-0".

HORACE WHITE,
TILE ROOFING

848 HOWARD AVE. PHONE MAIN 2771
NEW ORLEANS, LA.

